SEALSYSTEMS
THE DIGITAL PAPER FACTORY

Stamping (PLOSSYS netdome, pdfstamp)

User Manual

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SEAL Systems

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1 Introduction

purpose

This documentation describes the configuration of the stamps in PLOSSYS netdome and the PDF Tools `pdfstamp`/`pdfstamphft`.

target group

This documentation is intended for users who want to configure stamps for PLOSSYS netdomeor configure and use the PDF Tools `pdfstamp`/`pdfstamphft`.

in this chapter

This chapter deals with the following topics:

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Conventions in this Documentation	8
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Conventions in this Documentation

path specification

The path information given in this manual is relative to the installation directory of `pdfstamp`/`pdfstamphft` and PLOSSYS netdome. The path information is indicated in Windows notation only in most cases. This corresponds to the UNIX directory structures unless noted otherwise.

typography

The following table lists the typographical conventions employed in this documentation.

Typographical Convention	**Meaning**
`Courier`	File names, paths, commands, menu items, keywords, special values, short scripts and examples
`Courier italic`	Parameters; variables that must be replaced by current values
`Courier small`	More extensive scripts and examples

Overview of Contents

structure

This documentation has two parts: a description and a reference. The first part describes the functionality and the installation process using figures, step-by-step-procedures and explanatory texts. The second part serves as a detailed reference guide, containing configuration settings, keywords etcetera.

description

The description deals with the following topics:

Chapter 2, *General*, page 13, provides an introduction into the different ways how documents can be stamped at SEAL Systems, describes the basic terms and lists the requirements.

Chapter 3, *Stamp Configuration*, page 20, explains the configuration steps that are identical for all ways of stamping.

Chapter 4, *PLOSSYS netdome - Further Configuration and Operations*, page 48, explains the additional configuration steps and actions available for the stamping via PLOSSYS netdome.

Chapter 5, *pdfstamp/pdfstamphft - Further Configuration and Operations*, page 62, explains the additional configuration steps and actions available for the stamping with `pdfstamp`/`pdfstamphft`.

Chapter 6, *Stamping Using a Stamp Template*, page 76, explains configuration steps for the stamping using a stamp template.

reference

The reference contains the following chapters:

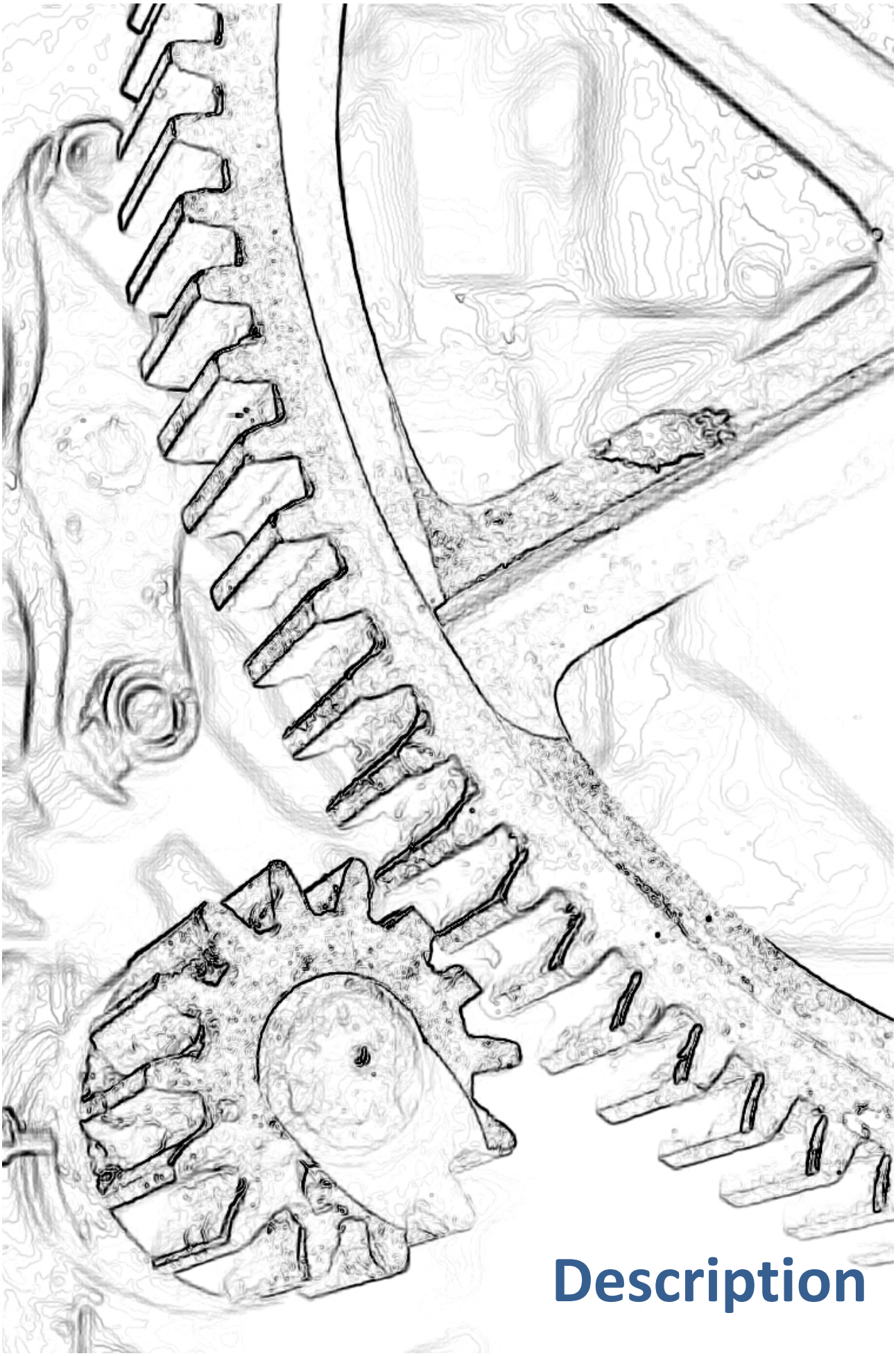
- Chapter 7, *Parameter of pdfstamp/pdfstamphft - Reference*, page 87, lists the command line parameters of `pdfstamp`/`pdfstamphft`.
- Chapter 8, *Configuration - Reference*, page 123, lists the settings in the different configuration files.

appendix

Appendix A, *Examples of the Stamp Layout File*, page 152, provides some examples for the configuration of stamps.

directories

For an easier overview, a terminology list, bibliography, and index are included at the end of the documentation.



Description

2 General

This chapter deals with the following topics: in this chapter

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Stamp Programs and Configuration	14
Stamp Types	16
Stamp Texts	17
Graphic Stamp	18
Requirements	19

2.1 Stamp Programs and Configuration

programs

This documentation describes how to stamp with the following programs from SEAL Systems:

- PLOSSYS netdome
- `pdfstamp`/`pdfstamphft`

stamp configuration

Basically, the configuration of the stamps is identical for the programs. Differences will be indicated at the correspondent situations.

stamp layout file

In the stamp layout file, you configure the layout of the stamp boxes and texts, for example, the size and the color, and the position of the stamp.

→ *Stamp Layout File (.stp)*, page 124

stamp template

`pdfstamp`/`pdfstamphft` can also stamp a PDF file by means of another PDF file, a stamp template. In this case, a stamp layout file and stamp texts are not required.

PDF configuration file

The PDF configuration file specifies how the PDF output file will be generated.

→ *PDF Configuration File (.db)*, page 140

`pdfstamp`/ `pdfstamphft`

`pdfstamphft` is the HFT variant of `pdfstamp`.

PLOSSYS netdome

PLOSSYS netdome always uses the HFT method.

background knowledge - HFT

HFT is a new method for calling functions whereby the Adobe Library is initialized using a different way.

HFT is the seminal way and supports the automatic repairing as Adobe Reader. PDF files with XFA can be processed with HFT.

The "disadvantage" of HFT is that the protection mechanism are evaluated so that a document that is protected against changes can no longer be stamped before output.

hint - stamp editor

As an alternative to the manual changing of the configuration files, you can configure the stamps by using the graphical user interface, Stamp Editor, from SEAL Systems.

To be continued

Stamp Programs and Configuration, Continuation

number of stamps

With `pdfstamp`/`pdfstamphft`, you can configure up to 100 stamp boxes and texts.

With PLOSSYS netdome, the maximum of stamp boxes and texts is specified in the `PLS_STAMP_MAX` environment variable. This will be set when starting PLOSSYS netdome. Default is 100 stamps.

TIFF

With the `tiffstamp` program from SEAL Systems, you can stamp TIFF files. For more information, refer to [TIFFSTAMP_TEC].

2.2 Stamp Types

stamp

A stamp is a text or a graphic that is applied onto an existent document.

watermark

A watermark is a stamp that is applied behind the document.

stamp types

The following stamp types are supported:

opaque

- A „normal“, opaque stamp hides the contents of the document.

transparent colored

- A transparent colored stamp hides the contents of the document but the colors are transparent so that you can see the contents through the stamp.

transparent gray

- A transparent gray stamp hides the contents of the document but the gray-scales are transparent so that you can see the contents through the stamp.

gray-simulated

- A gray-simulated stamp hides the contents of the document. The grayscales and colors are simulated by Black and White.

real invisible

- A real invisible stamp is invisible on all backgrounds but you can search for the text, for example.

flagpage

In contrast to the other stamps, the flagpage may be output outside the document as well.

2.3 Stamp Texts

PLOSSYS netdome

You can specify the texts for the text stamps in PLOSSYS netdome via the following ways:

→ *Pass a Stamp Text via a Header*, page 54

→ *Preset the Stamp Text*, page 39

pdfstamp/ pdfstamphft

You can specify the texts for the text stamps in `pdfstamp`/`pdfstamphft` via the following ways:

→ *Specify a Stamp Text Directly*, page 66

→ *Pass a Stamp Text via a Header*, page 64

→ *Pass a Stamp Text via a Header*, page 65

→ *Preset the Stamp Text*, page 39

hint - combination, priority

The available ways for specifying the stamp texts may be combined. The texts specified with `-tn` take priority to the texts that are passed in the header with stamp texts and in the stamp text file. The default texts in the stamp layout file have the lowest priority.

multiline

For multiline stamp texts, you configure an extra stamp text for each line and assign these to the same stamp box.

→ *Group Stamp Texts*, page 42

variables

The stamps may contain variables which are replaced during stamping.

Unicode

In order to generated stamp texts containing Unicode characters, the following environment variables must be set:

- `SEALFONTS=%PLSTOOLS%\fonts`
- `SEAL_DEFAULTCODEPAGE=UTF8`

The font used in the stamps must be Unicode-enabled, for example, `-30001`.

2.4 Graphic Stamp

graphic stamp

A graphic stamp is a graphic that is applied onto the document.

PLOSSYS netdome

With PLOSSYS netdome, GKS metafiles can be used as graphic stamps.

`pdfstamp`/`pdfstamphft`

With `pdfstamp`/`pdfstamphft`, GKS metafiles and JPEG files can be used as graphic stamps. Additionally, `pdfstamp`/`pdfstamphft` can stamp PDF files as stamp templates.

2.5 Requirements

`pdfstamp` and `pdfstamphft` belong to the PDF Tools from SEAL Systems.

`pdfstamp`/
`pdfstamphft`

The other PDF Tools and the general settings and information concerning the PDF Tools are described in [PDFTOOLS_TEC].

reference

3 Stamp Configuration

in this chapter

This chapter describes the configuration in the stamp layout file which is used both by PLOSSYS netdome and `pdfstamp`/`pdfstamphft`:

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example

In Appendix A, *Examples of the Stamp Layout File*, page 152, you will find some examples of the configuration in the stamp layout file.

Configure a Text Stamp

This way you configure a text stamp: instructions

Step	Action
1	Configure the properties of the stamp box in the section for the stamp box: `[box]`
2	Configure the properties of the stamp text in the section for the stamp text: `[text]`

3	In the `[STAMP_DEFINITION]` section, specify the section names of the stamp text and the stamp box:
	`[STAMP_DEFINITION]`
	`  BOX_DEFINITIONS box`
	`  TEXT_DEFINITIONS text`

4	In the section for the stamp box, specify the stamp text as contents:
	`[box]`
	`  BO_CONTENTS text`

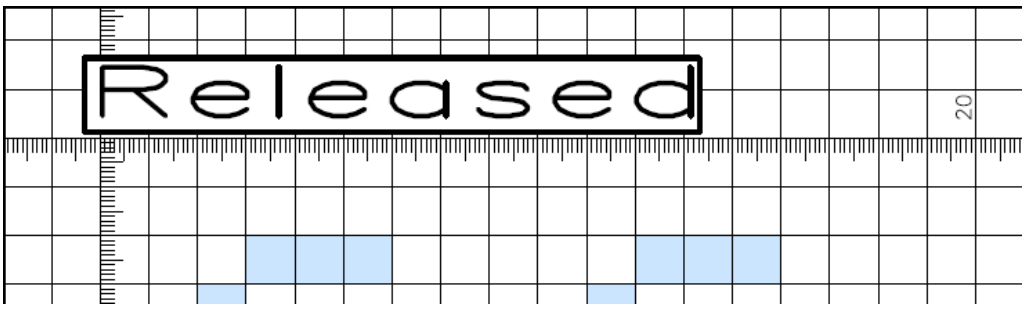
If the defaults are valid for all items of a stamp text, the correspondent `[text]` section can be empty but it must exist. hint - default

The `Released` text stamp is applied onto the document: example

Extract of the stamp layout file:

```
[STAMP_DEFINITION]
  TEXT_DEFINITIONS      Text_0
  BOX_DEFINITIONS       Box_0

[Text_0]
  ...
  TX_TEXT                 "Released"
  ...
[Box_0]
  ...
  BO_CONTENTS             Text_0
  ...
```



Configure a Graphic Stamp

requirement

With PLOSSYS netdome, the graphic file to be stamped on all jobs of a output queue is stored in the `%PLSPLT%` directory.

With `pdfstamp`/`pdfstamphft`, the graphic file is stored in the directory of the stamp layout file.

instructions

This is how you configure a graphic stamp:

Step	Action
1	Configure the properties of the stamp box in the section for the stamp box: `[box]`

2	In the `[STAMP_DEFINITION]` section, specify the section name of the stamp box:
	`[STAMP_DEFINITION]`
	`  BOX_DEFINITIONS box`

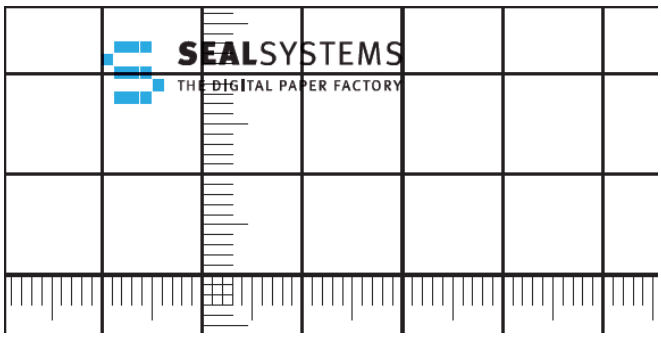
3	In the section for the stamp box, specify the graphic file:
	`[box]`
	`  BO_FRAME graphic`
	Caution - `pdfstamp`/`pdfstamphft`:
	With `pdfstamp`/`pdfstamphft`, deactivate the `BO_CONTENTS` item in the section for the stamp box in order that the `BO_FRAME` item is used.
	`[box]`
	`# BO_CONTENTS ...`

example

The `seal_logo.met` graphic stamp is applied onto the document:

Extract of the stamp layout file:

```
[STAMP_DEFINITION]
  BOX_DEFINITIONS    Box_0
[Box_0]
  ...
  BO_FRAME           seal_logo.met
  ...
```



Configure the Reference Point of a Stamp Box

The position of a stamp box orient itself on the reference point which is relative to the border of the document or the printable area.

reference point

The text or graphic stamp has been configured:

requirement

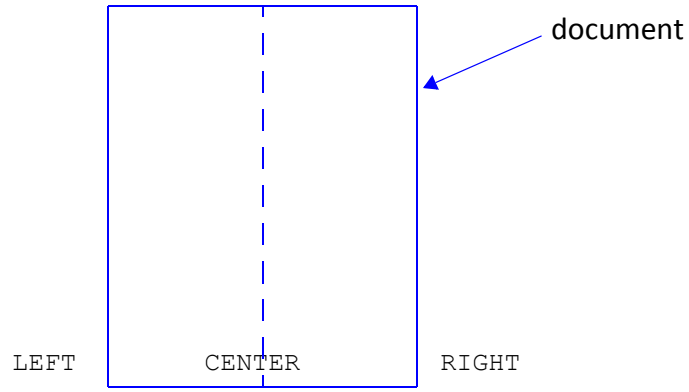
→ *Configure a Text Stamp*, page 21

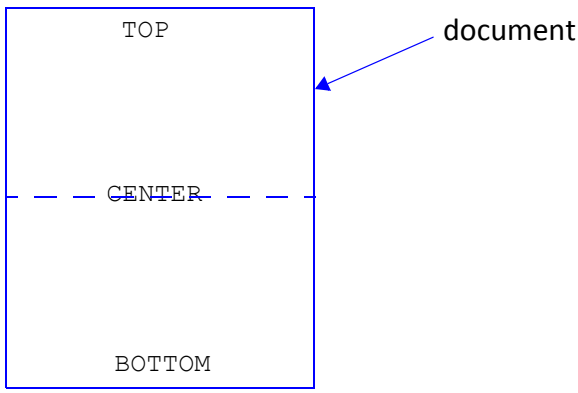
→ *Configure a Graphic Stamp*, page 22

This is how you configure the reference point of a stamp box:

instructions

Step	Action

1	In the section for the stamp box, configure where the reference point of the stamp box is to be located corresponding to the document's horizontal:
	`[box]`
	`BO_ALIGNMENT_HOR align`
	 

2	In the section for the stamp box, configure where the reference point of the stamp box is to be located corresponding to the document's vertical:
	`[box]`
	`BO_ALIGNMENT_VER align`
	 

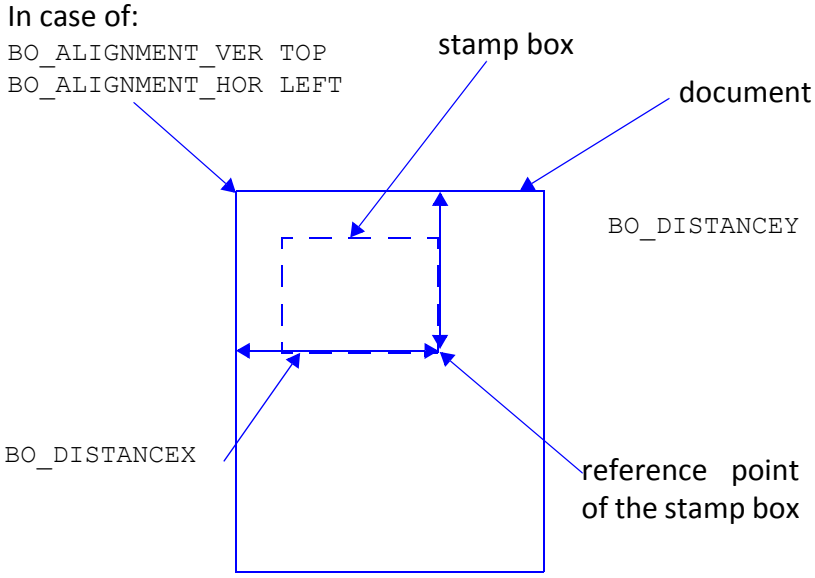
To be continued

Configure the Reference Point of a Stamp Box, Continuation

instructions, cont'd

This is how you configure the reference point of a stamp box, continuation:

Step	Action

3	In the section for the stamp box, configure the distance between the stamp box and the position specified with `BO_ALIGNMENT_HOR` and `BO_ALIGNMENT_VER`:
	`[box]`
	`BO_DISTANCEX` *distance*
	`BO_DISTANCEY` *distance*
	In case of:
	`BO_ALIGNMENT_VER TOP`
	`BO_ALIGNMENT_HOR LEFT`
	 

4	In the section for the stamp box, optionally configure if the reference point is to be oriented to the border of the printable area instead of the border of the document:
	`[box]`
	`BO_ORIGIN VISIBLE_AREA`

To be continued

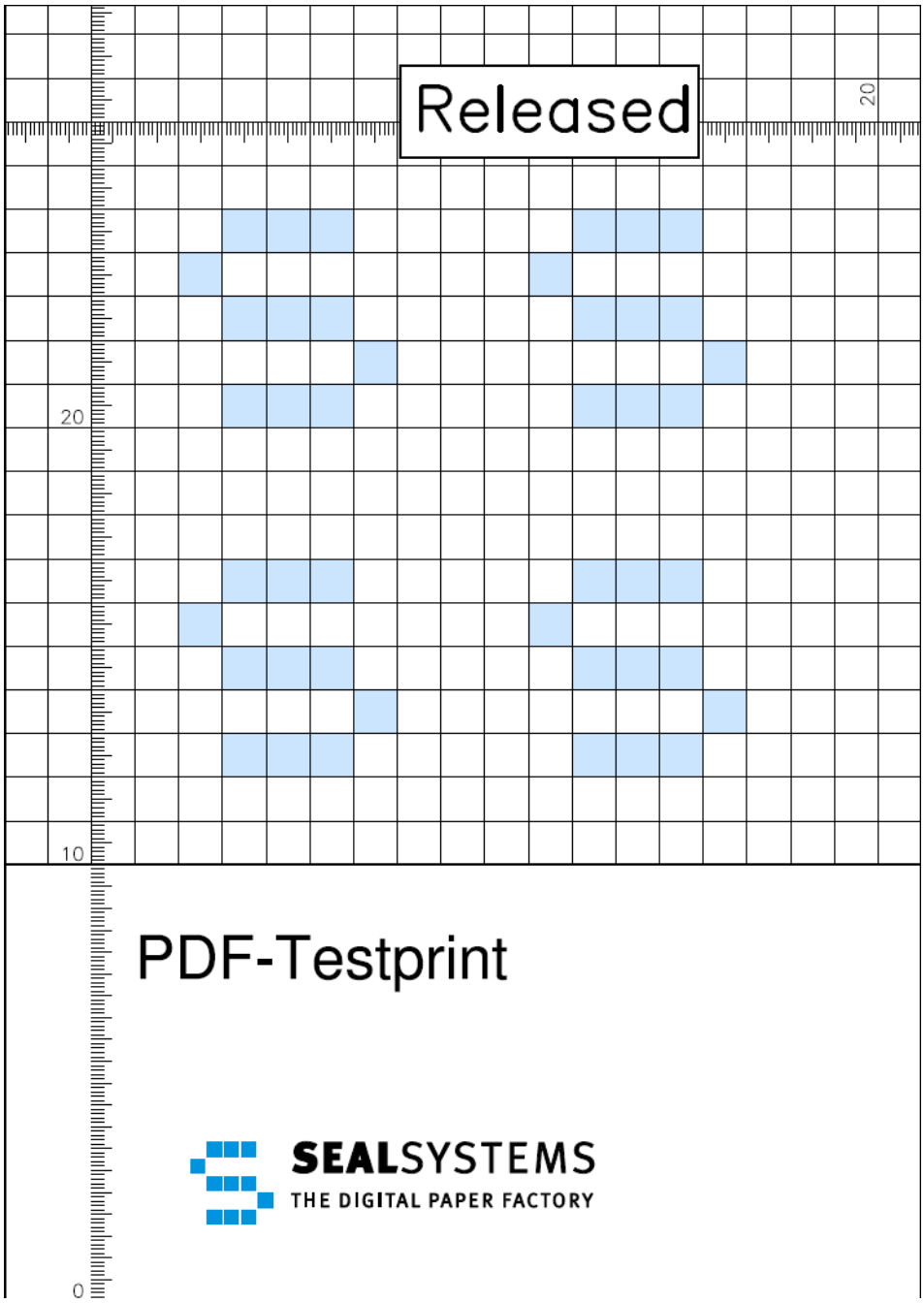
Configure the Reference Point of a Stamp Box, Continuation

The reference point is positioned at the top center with a distance to the right of 5 cm and a distance downwards of 3 cm:

example

Extract of the stamp layout file:

```
...
BO_ALIGNMENT_HOR    CENTER
BO_ALIGNMENT_VER    TOP
BO_DISTANCEX        0.050
BO_DISTANCEY        0.030
...
```



Configure an Opaque Stamp

opaque

The colors and grayscales of a opaque stamp are displayed, the document contents is covered.

requirement

The text or graphic stamp has been configured:

→ *Configure a Text Stamp*, page 21

→ *Configure a Graphic Stamp*, page 22

instructions

This is how you configure that the stamp is applied opaque:

Step	Action

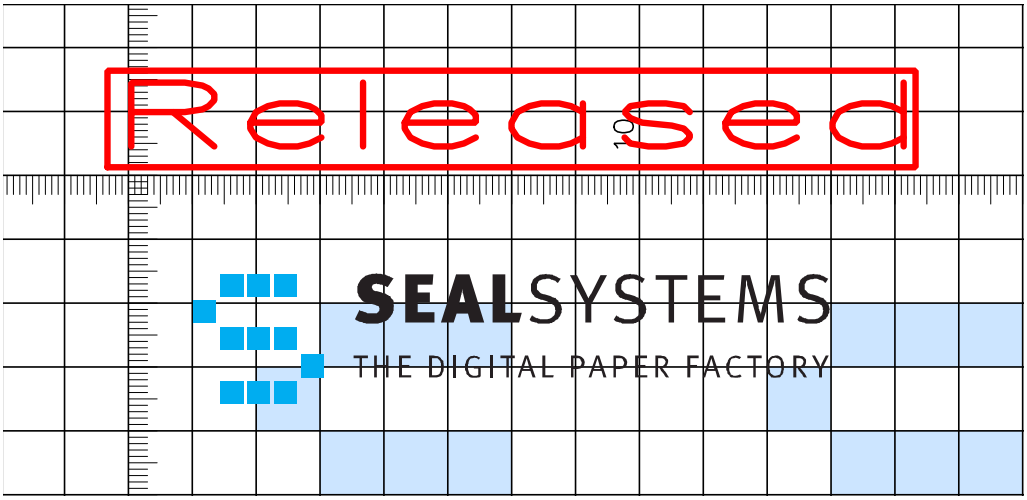
1	In the section for the stamp box, configure that the stamp is to be applied opaque:
	`[box]`
	`BO_CREATION STAMP`

example

The stamp covers the document contents:

Extract of the stamp layout file:

```
...
BO_CREATION          STAMPS
...
```



Configure a Transparent Colored Stamp

The colors and grayscales of a transparent colored stamp are displayed, the document contents shows through.

transparent colored

The text or graphic stamp has been configured:

→ *Configure a Text Stamp*, page 21

→ *Configure a Graphic Stamp*, page 22

The `PDF_GRAYSTAMP` environment variable has not been set or has been set to `color`.

requirement

This is how you configure that the stamp is applied transparent colored:

instructions

Step	Action

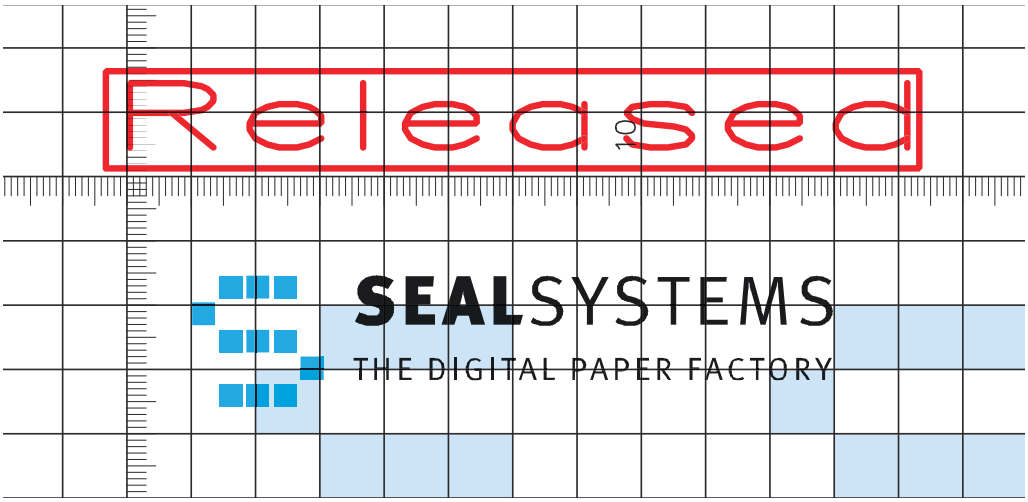
1	In the section for the stamp box, configure that the stamp is to be applied transparent colored:
	`[box]`
	`BO_CREATION GRAY_STAMP`

The stamp is applied as transparent colored stamp onto the document:

example

Extract of the stamp layout file:

```
...
BO_CREATION         GRAY_STAMP
...
```



Configure a Transparent Gray Stamp

transparent gray

The colors or grayscales of a transparent colored stamp are displayed in grayscales, the document contents shows through.

requirement

The text or graphic stamp has been configured:

→ *Configure a Text Stamp*, page 21

→ *Configure a Graphic Stamp*, page 22

instructions

This is how you configure that a stamp is applied transparent gray:

Step	Action

1	In the section for the stamp box, configure that the stamp is to be applied transparent gray:
	`[box]`
	`BO_CREATION GRAY_STAMP`

2	Set the `PDF_GRAYSTAMP` environment variable to `gray`. Alternative with `pdfstamp`/`pdfstamphft`: When calling `pdfstamp`/`pdfstamphft`, specify the `-graystamp` parameter with `gray`.

example

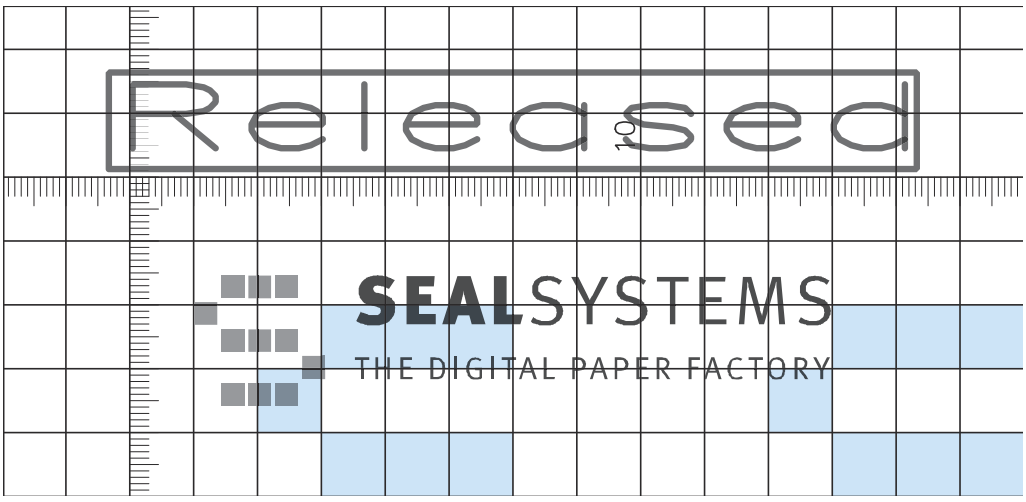
The stamp is applied as transparent gray stamp onto the document:

Extract of the stamp layout file:

```
...
BO_CREATION         GRAY_STAMP
...
```

environment variable:

```
PDF_GRAYSTAMP=gray
```



Configure a Gray-Simulated Stamp

The colors or grayscales of a stamp are simulated by black and white, the document contents shows through.

gray-simulated

The text or graphic stamp has been configured:

requirement

→ *Configure a Text Stamp*, page 21

→ *Configure a Graphic Stamp*, page 22

This way, you configure a gray-simulated stamp:

instructions

Step	Action

1	In the section for the stamp box, configure that the stamp is to be applied gray-simulated:
	`[box]`
	`BO_CREATION GRAY_STAMP`

2	Set the `PDF_GRAYSTAMP` environment variable to `simulated`. Alternative with `pdfstamp`/`pdfstamphft`: When calling `pdfstamp`/`pdfstamphft`, specify the `-graystamp` parameter with `simulated`.

The stamp is applied as gray-simulated stamp onto the document:

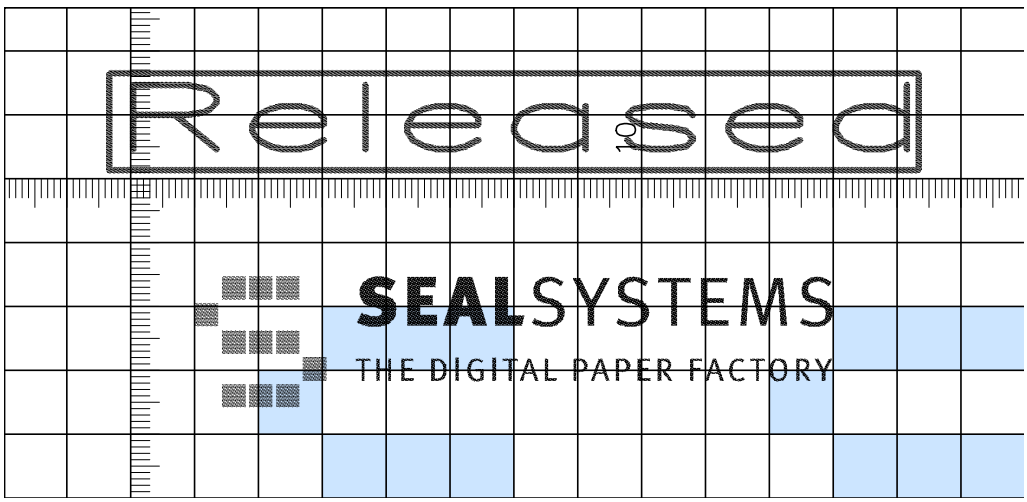
example

Extract of the stamp layout file:

```
...
BO_CREATION         GRAY_STAMP
...
```

environment variable:

```
PDF_GRAYSTAMP=simulated
```



Configure a Watermark

watermark

The watermark is output behind the document, the document contents is not covered.

requirement

The text or graphic stamp has been configured:

→ *Configure a Text Stamp*, page 21

→ *Configure a Graphic Stamp*, page 22

instructions

This is how you configure a watermark:

Step	Action

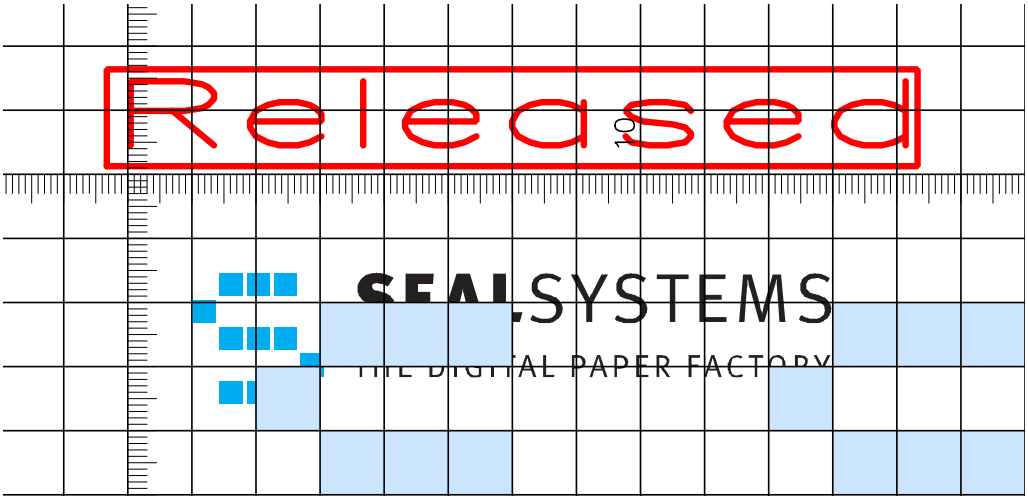
1	In the section for the stamp box, configure that the stamp is to be applied as watermark behind the document:
	`[box]`
	`BO_CREATION WATERMARK`

example

The stamp is applied as watermark onto the document:

Extract of the stamp layout file:

```
...
BO_CREATION         WATERMARK
...
```



Configure the Stamp Background

The stamp background can be displayed in the following variants: background

- `TRANSPARENT`: The document shows through the stamp background. The stamp foreground, that means the stamp text for example, does not show through.
- `OPAQUE`: The whole stamp including its border covers the document.
- `BLANKED`: The graphic elements of the stamp have a white border within which the document is covered completely. In the other part of the stamp, the document shows through.

With graphic stamps, `BLANKED` has the same effect as `TRANSPARENT`. hint - graphic stamp

White areas with the variants `OPAQUE` and `BLANKED` are created by overprinting with white color, not by clipping the graphics elements that are to be covered. Therefore, these two variants are not supported by all device types. With pen plotters, for example, only `TRANSPARENT` is possible as stamp background. **Caution** - not supported

Transparent stamps are supported with restrictions. For example, watermarks can not be used in files generated by gXconvert.

The text or graphic stamp has been configured: requirement

→ *Configure a Text Stamp*, page 21

→ *Configure a Graphic Stamp*, page 22

This is how you configure the stamp background: instructions

Step	Action

1	In the section for the stamp box, configure how the background of the stamp is to be applied:
	`[box]`
	`BO_BACKGROUND background`

To be continued

Configure the Stamp Background, Continuation

example

The background of the stamp covers the document contents completely, that means it is opaque:

Extract of the stamp layout file:

```
...
BO_BACKGROUND        OPAQUE
...
```

Configure an Invisible Stamp

Invisible stamps are invisible on all backgrounds but can be selected.

Invisible

In scanned documents which were processed with OCR the found texts cover invisible the document at the original positions. Thereby, these texts can be searched in the document and selected.

background knowledge

The text or graphic stamp has been configured:

requirement

→ *Configure a Text Stamp*, page 21

→ *Configure a Graphic Stamp*, page 22

This is how you configure an invisible stamp:

instructions

Step	Action
1	In the used PDF configuration file, check if the font is configured as invisible. `PDF.font: nr INVISIBLE pdo`

2	In the section for the stamp text, configure that an invisible font is to be used:
	`[text]`
	`TX_FONT nr`

3	In the section for the stamp box, configure that no frame is to be drawn:
	`[box]`
	`BO_BORDER N`

4	In the section for the stamp box, configure that the background of the stamp is to be transparent.
	`[box]`
	`BO_BACKGROUND TRANSPARENT`

The `INVISIBLE` render mode in the font definition in the PDF configuration file is responsible for the visibility of the font. By changing the render modus, further fonts can be set invisible.

hint - invisible fonts

→ *Items of the PDF Configuration File*, page 141

To be continued

Configure an Invisible Stamp, Continuation

example

The stamp is applied onto the document but invisible:

Extract of the PDF configuration file:

```
PDF.font:   -4001  Helvetica   INVISIBLE   helvetica.pdo
```

Extract of the stamp layout file:

```
[Text_0]
  ...
  TX_FONT          -4001
  ...
[Box_0]
  ...
  BO_BORDER        N
  BO_BACKGROUND    TRANSPARENT
  ...
```

Draw a Frame Around the Stamp Box

The frame is a rectangle around the stamp box which can be than surrounded by a visible frame line for example.

frame

Frames are only supported for text stamps and not for graphic stamps.

Caution - graphic stamp

The reference point of the stamp box has been configured:

→ *Configure the Reference Point of a Stamp Box*, page 23

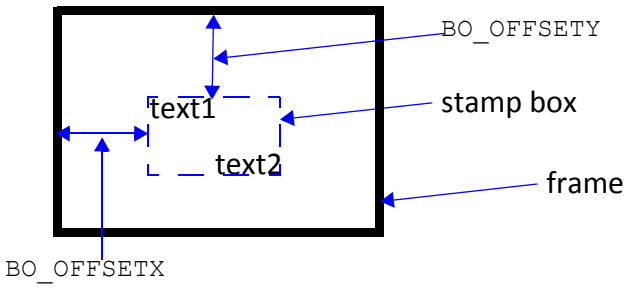
requirement

This is how you draw a frame around a stamp box:

instructions

Step	Action

1	In the section for the stamp box, configure that a frame is to be drawn around the stamp box:
	`[box]`
	`BO_BORDER Y`

2	In the section for the stamp box, optionally configure the distance from the stamp box to the frame:
	`[box]`
	`BO_OFFSETX offset`
	`BO_OFFSETY offset`
	 

3	In the section for the stamp box, optionally configure the color of the frame:
	`[box]`
	`BO_COLOR color`

4	In the section for the stamp box, optionally configure the line width of the frame:
	`[box]`
	`BO_LWSC linewidth`

To be continued

Draw a Frame Around the Stamp Box, Continuation

example

The stamp is applied with a red frame in a distance of 3 mm and a line width of 2 mm:

Extract of the stamp layout file:

```
[Box_0]
   ...
   BO_OFFSETX        0.003
   BO_OFFSETY        0.003
   BO_BORDER         Y
   BO_COLOR          2
   BO_LWSC           0.002
   ...
```

Rotate a Stamp Box

The reference point of the stamp box has been configured: requirement

→ *Configure the Reference Point of a Stamp Box*, page 23

This is how you configure that the stamp box is applied rotated: instructions

Step	Action

1	In the section for the stamp box, configure the rotation angle for the stamp box:
	`[box]`
	`BO_ANGLE angle`

The stamp box will be rotated clockwise by 20°: example

Extract of the stamp layout file:

```
[Box_0]
  ...
  BO_ANGLE       -20.0
  ...
```

Configure the Pages to Be Stamped

requirement

The text or graphic stamp has been configured:

→ *Configure a Text Stamp*, page 21

→ *Configure a Graphic Stamp*, page 22

instructions

This is how you configure the pages to be stamped:

Step	Action

1	In the section for the stamp box, configure the pages to be stamped:
	`[box]`
	`BO_PAGES_TO_STAMP pages`

hint - further possibilities

With PLOSSYS netdome, you can additionally specify if only the first page is to be stamped and if the back sides are to be stamped differently to the front sides:

→ *Stamp Only the First Page*, page 57

→ *Stamp the Front and Back Sides Differently*, page 58

With `pdfstamp`/`pdfstamphft`, you can additionally specify the pages to be stamped:

→ *Specify the Pages to Be Stamped*, page 69

example

The stamp is applied onto the odd pages:

Extract of the stamp layout file:

```
[Box_0]
  BO_PAGES_TO_STAMP  odd
```

Preset the Stamp Text

The text stamp has been configured: requirement

→ *Configure a Text Stamp*, page 21

This is how you configure a default for a stamp text: instructions

Step	Action

1	In the section for the stamp text, configure the text that is to be preset:
	`[text]`
	`TX_TEXT text`

The `Status unknown` text is output as text for the stamp unless another stamp text is passed explicitly: example

Extract of the stamp layout file:

```
[Text_0]
  ...
  TX_TEXT     "Status unknown"
  ...
```

Align a Stamp Text to the Stamp Box

alignment and starting point

Relative to the reference point of the stamp box, you configure the alignment and the starting point of the stamp text.

requirement

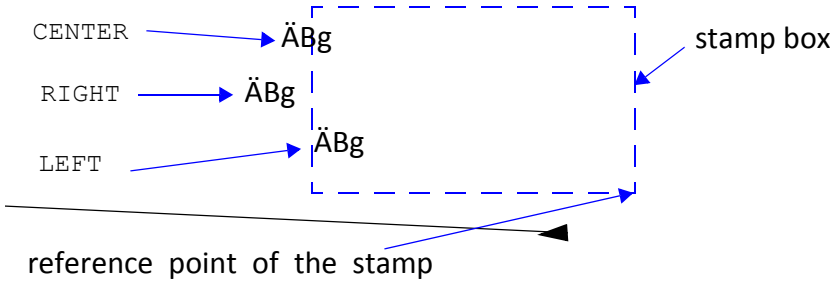
The reference point of the stamp box has been configured:

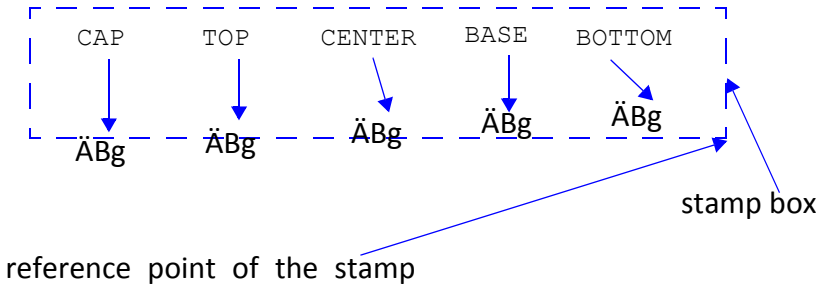
→ *Configure the Reference Point of a Stamp Box*, page 23

instructions

This is how you position a stamp text relatively to the reference point of the stamp box:

Step	Action

1	In the section for the stamp text, configure the horizontal alignment corresponding to the stamp box:
	`[text]`
	`TX_ALIGNMENT_HOR align`
	 

2	In the section for the stamp text, configure the vertical alignment corresponding to the stamp box:
	`[text]`
	`TX_ALIGNMENT_VER align`
	 

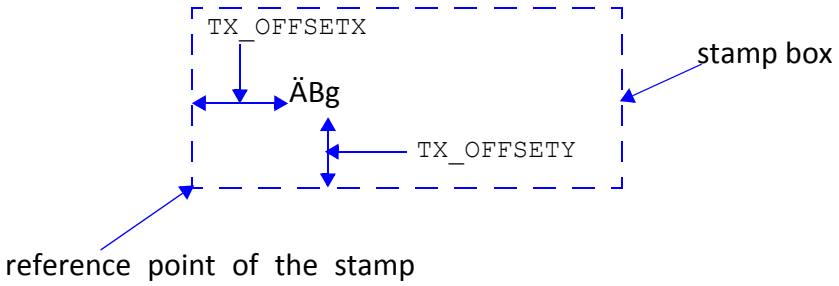
To be continued

Align a Stamp Text to the Stamp Box, Continuation

This is how you position a stamp text relatively to the reference point of the stamp box, continuation:

instructions, cont'd

Step	Action

3	In the section for the stamp text, configure the vertical and horizontal distance to the reference point of the stamp box:
	`[text]`
	`TX_OFFSETX offset`
	`TX_OFFSETY offset`
	 

example

The stamp text starts with 1 cm as vertical distance to the reference point of the stamp box and with 2 cm as horizontal distance. The starting point of the stamp text is located on its base line:

Extract of the stamp layout file:

```
[Text_0]
  ...
  TX_ALIGNMENT_HOR      RIGHT
  TX_ALIGNMENT_VER      BASE
  TX_OFFSETX            0.02
  TX_OFFSETY            0.01
  ...
```

Group Stamp Texts

multiline

You can compile multiple stamp texts in a stamp box in order to apply multiline stamps onto the document for example.

requirement

The text stamp to be grouped have been configured:

→ *Configure a Text Stamp*, page 21

instructions

This is how you group multiple stamp texts to a stamp box:

Step	Action

1	In the section for the stamp box, configure the section names of the text stamps to be grouped:
	`[box]`
	`BO_CONTENTS text1 text2 ... textn`

example

The `Text1` and `Text2` text stamps are applied as two lines in a stamp box:

Extract of the stamp layout file:

```
[STAMP_DEFINITION]
  TEXT_DEFINITIONS      Text_1 Text_2
  BOX_DEFINITIONS       Box_1
    ...
[Text_1]
  ...
TX_ALIGNMENT_HOR  CENTER
  TX_ALIGNMENT_VER  TOP
  TX_TEXT           "Released"
  ...
[Text_2]
  ...
TX_ALIGNMENT_HOR  CENTER
  TX_ALIGNMENT_VER  BASE
  TX_TEXT           "2013-12-10"
  ...
[Box_1]
  ...
  BO_CONTENTS       Text_1 Text_2
  ...
```

Configure the Repetition of a Stamp

repetition

A stamp box can be applied repeatedly in a line or even all over the whole document. For this, a vector or two vectors will be configured. If a vector is specified, the stamp box is repeated along the direction configured by the vector as often as the correspondent document borders are reached. If two vectors are specified, the stamp box is repeated along both directions as often as all document borders are reached.

requirement

The text or graphic stamp has been configured:

→ *Configure a Text Stamp*, page 21

→ *Configure a Graphic Stamp*, page 22

instructions

This is how you configure that the stamp box is repeated:

Step	Action

1	If the stamp box is to be repeated in horizontal direction, you configure the vector coordinates for the horizontal direction in the section for the stamp box:
	`[box]`
	`BO_REP_X x y`

2	If the stamp box is to be repeated in vertical direction, you configure the vector coordinates for the vertical direction in the section for the stamp box:
	`[box]`
	`BO_REP_Y x y`

To be continued

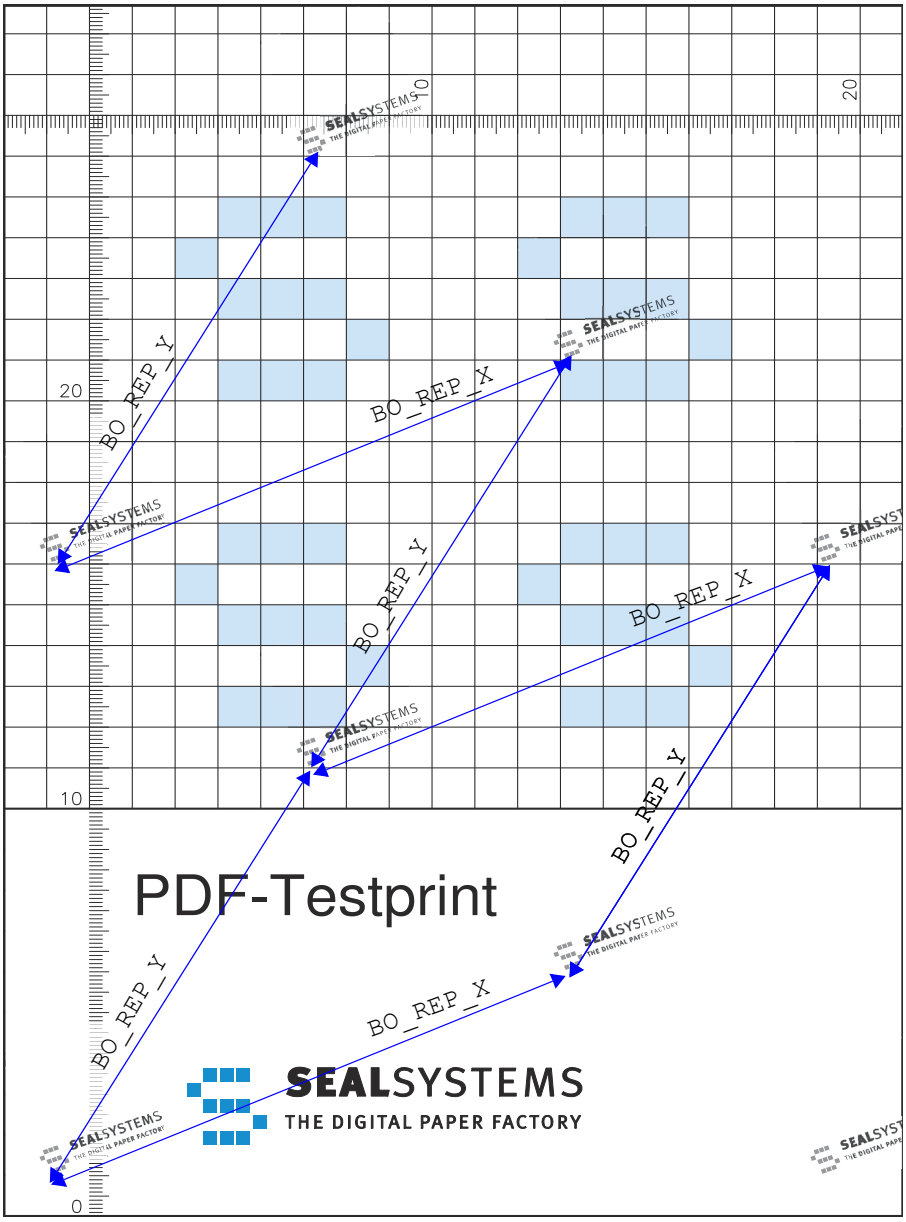
Configure the Repetition of a Stamp, Continuation

example

The stamp is repeated over the whole document:

Extract of the stamp layout file:

```
[Box_0]
   ...
   BO_ALIGNMENT_HOR    LEFT
   BO_ALIGNMENT_VER    BOTTOM
   BO_ANGLE            20.0
   BO_DISTANCEX        0.01
   BO_DISTANCEY        0.01
   BO_FRAME            seal_logo.met
   BO_REP_X            0.06 0.12
   BO_REP_Y            0.10 0.05
   ...
```



Configure the Character Width and Spacing

The text stamp has been configured: requirement

→ *Configure a Text Stamp*, page 21

This is how you configure the character width and the spacing of the stamp text: instructions

Step	Action

1	In the section for the stamp text, configure the factor for the character width:
	`[text]`
	`TX_EXPANSION  factor`

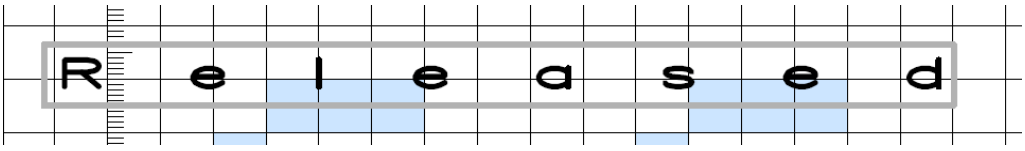
2	In the section for the stamp text, configure the factor for the additional space between two characters:
	`[text]`
	`TX_SPACING  factor`

With negative values in `TX_EXPANSION` and `TX_SPACING`, the stamp text is applied mirrored. hint - mirrored

The stamp text is output with the double character width and the threefold spacing: example

Extract of the stamp layout file:

```
[Text_1]
  ...
  TX_EXPANSION     2.0
  TX_SPACING       3.0
  ...
```



Configure Format-Dependent Stamps

format comparison

The paper size of the document to be stamped is compared to the formats in the `SIZE_DESCRIPTION` section from top to bottom.

comparison method

For the comparison, you can select between two methods:

- FirstFIT: As soon as the paper size fits completely into a format, the format is selected and the stamp settings having this format prefix are valid.
- FitExact: As soon as the paper size corresponds exactly to one format within a tolerance, the format is selected and the stamp settings having this format prefix are valid.

default

If no appropriate format is found, the default stamp settings are taken.

instructions

This is how you configure that the stamp is applied dependent on the format of the document:

Step	Action

1	Create the `[SIZE_DEFINITIONS]` section and configure there the different formats with their widths and lengths in meters:
	`[SIZE_DEFINITIONS]`
	`  format width length`

2	For the specified formats, create sections containing the stamp settings valid for the *`format`* format and configure there the format-specific stamp settings: `[format\section]`
3	Create the section without the format prefix and configure there the default stamp settings.
4	In the `FIT_EXACT` item without section, optionally configure which comparison method is to be used: `NO`: The FirstFit method is used. `YES`: The FitExact method is used.
5	In the `TOLERANCE` item without section, optionally configure the tolerance which is to be used when comparing the formats.

To be continued

Configure Format-Dependent Stamps, Continuation

Up to DIN A4, the `Box_1` stamp is output in black, with all other formats the `Box_2` stamp is output in red: example

Extract of the stamp layout file:

```
[STAMP_DEFINITION]
  TEXT_DEFINITIONS      Text_2
  BOX_DEFINITIONS       Box_2
  ...
[Text_2]
  ...
  TX_COLOR              3
  ...
[Box_2]
  ...
[SIZE_DEFINITIONS]
  DINA4_P 0.210 0.297
  DINA4_L 0.297 0.210
  ...
[DINA4_P\STAMP_DEFINITION]
  TEXT_DEFINITIONS      Text_1
  BOX_DEFINITIONS       Box_1
  ...
[DINA4_L\STAMP_DEFINITION]
  TEXT_DEFINITIONS      Text_1
  BOX_DEFINITIONS       Box_1
[DINA4_P\Text_1]
  ...
  TX_COLOR              1
  ...
[DINA4_P\Box_1]
  ...
[DINA4_L\Text_1]
  ...
  TX_COLOR              1
  ...
[DINA4_L\Box_1]
  ...
```

4 PLOSSYS netdome - Further Configuration and Operations

in this chapter

This chapter describes what you can configure additionally when stamping with PLOSSYS netdome and how you stamp with PLOSSYS netdome:

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Apply a Flagpage Onto a Document	61

reference

For information about PLOSSYS netdome header, refer to [NETDOME_HEADER_TEC].

For information about the PLOSSYS netdome configuration file, `plossys.cfg`, refer to [NETDOME_TEC].

Stamp a Document

stamping

PLOSSYS netdome stamps a document

- if a general stamp layout file has been configured
  → *Stamp Over All Output Queues*, page 50
- or if a stamp layout file has been configured for the output queue to which the document is output
  → *Queue-Specific Stamp*, page 51
- or if a stamp layout file is passed with the output job
  → *Job-Specific Stamp*, page 52
- and if default stamp texts are available or stamp texts are passed with the output job files.

hint - no stamps

Stamps will only be applied if stamp boxes are configured in the stamp layout file.

Stamp Over All Output Queues

general

You can configure stamps for all documents independent of the output queues.

instructions

This is how you stamp generally over all output queues:

Step	Action
1	Configure the stamps in the stamp layout file `%PLSPLT%\general.stp`.

2	Configure the name of the stamp layout file in `plossys.cfg` in the `[SYSTEM]` section with the `STPFILE` item:
	`[SYSTEM]`
	`...`
	`STPFILE general.stp`
	`...`

3	Restart PLOSSYS netdome.

example

The stamps are identical for all output queues and configured in `stamp.cfg`:

Extract of `plossys.cfg`:

```
[SYSTEM]
   ...
   STPFILE     stamp.stp
   ...
```

Queue-Specific Stamp

queue-specific

You can configure separate stamps for each output queue. The settings are valid for all jobs output to this output queue.

instructions

This is how you stamp specific for an output queue:

Step	Action
1	Configure the stamps for the output queue, *queue*, in the stamp layout file, %PLSPLT%*specific*.stp.
2	Configure the name of the stamp layout file in plossys.cfg in the section for the output queue with the STPFILE item: [*queue*] ... STPFILE *specific*.stp ... hint - default: By default, the stamp layout file with the same name as the output queue and the .stp extension is taken, that means *queue*.stp for the output queue, *queue*.
3	Restart the output queue.

hint - deactivate

In order to deactivate stamping for an output queue, specify STPFILE "".

example

The stamps are identical for all output queues except printer1 and printer3 and are configured in stamp.cfg: Documents output to printer1 are not stamped. The stamps for the output to printer3 are configured in printer3_stamp.cfg:

Extract of plossys.cfg:

```
[SYSTEM]
  ...
  STPFILE     stamp.stp
  ...
[printer1]
  ...
  STPFILE     ""
  ...
[printer3]
  ...
  STPFILE     printer3_stamp.stp
  ...
```

Job-Specific Stamp

job-specific

You can configure separate stamps for each output job.

requirement

For passing a job-specific stamp layout file, it is required that the correspondent gates are configured this way that they save the passed file in the `%PLSDATA%\plotserv\associated` directory using the correct name. With converters, this behavior is preset.

example - HPGL gate

Example of the required items for the HPGL gate:

In `%PLSROOT%\server\plotserv\gates\hpgl\hpglgate.def`:

```
...
[Maingate]
   ...
   stamp = stp
   ...
[FileExtOptional]
   ...
   stamp = stp
   ...
...
```

instructions

This is how you stamp specific for an output job:

Step	Action
1	Configure the stamps for the output job, *jobid*, in the stamp layout file, *specific*.stp.
2	Pass the stamp layout file together with the other output job files as *jobid*.stp to the `%PLSDATA%\plotserv\associated` directory. Alternative: Save the stamp layout file into `%PLSPLT%` and specify the name of the stamp layout file into the header of the output job as extension at the stamp text: `$ PLS_STAMP_n == "$specific$text"`
3	Restart the output queue.

hint - graphic stamp

If the job-specific stamp is a graphic stamp, you have to pass the correspondent graphic file together with the stamp layout file:

→ *Pass a Graphic File With a Job*, page 59

To be continued

Job-Specific Stamp, Continuation

example

The Excel document, `test.xlsx`, is stamped according to the stamp layout file, `test.stp`, the `PLS_STAMP_3` stamp is stamped according to the stamp layout file, `stamp3.stp`:

Extract of the `test.hed` header:

```
$ PLS_STAMP_3 == "$stamp3.stp$Released"
```

The job files, `test.xlsx`, `test.stp`, `test.hed` and `stamp3.stp` are passed to PLOSSYS netdome.

Pass a Stamp Text via a Header

header

The stamp texts can be passed in the header of the output job or specified in the default headers of the gates and so on.

requirement

The text stamp has been specified:

→ *Configure a Text Stamp*, page 21

instructions

This is how you use texts contained in a header as stamps:

Step	Action
1	In the header of the output job, enter the texts line-by-line: `$ PLS_STAMP_n == "text"` `n` can be between `0` and `99`.
2	Pass the header to PLOSSYS netdome together with the other job files.

hint - default

In order to deactivate the default for a stamp text in the stamp layout file, enter `PLS_STAMP_n == ""` with the appropriate number, `n` in the header of the output job. Then, this stamp will not be applied.

hint - quote

If you want to use quotes „ and " as special characters in a stamp text, you have to quote these by backslashes:

```
$ PLS_STAMP_0 == \„My text\"
```

example

The stamp texts are passed in the header:

```
...
$ PLS_STAMP_0 == "Released"
$ PLS_STAMP_1 == "2013-12-03"
$ PLS_STAMP_2 == "John Smith"
...
```

Use a Variable in a Stamp Text

variables

With PLOSSYS netdome, you can use PLOSSYS netdome-specific variables, header items or any environment variable in the stamp texts.

PLOSSYS net-dome-specific

This is how you specify a PLOSSYS netdome-specific variable in such a way that its value is output:

```
$Variable
```

This is how you specify a PLOSSYS netdome-specific variable in such a way that the variable itself is output:

```
$$Variable
```

example

The stamp 0 is to be applied with the `$PLS_PLOTTER=device` text:

```
$ PLS_STAMP_0 == $$PLS_PLOTTER=$PLS_PLOTTER
```

When outputting the document, for example, to the `DesignJet` output queue, the following is stamped onto the document:

```
$PLS_PLOTTER=DesignJet
```

environment variable

This is how you specify an environment variable in such a way that its value is output:

```
%Variable%
```

This is how you specify an environment variable in such a way that the variable itself is output:

```
%%Variable%%
```

example

The stamp 2 is to be applied with the `%USERNAME% = user` text:

```
$ PLS_STAMP_2 == "%%USERNAME%% = %USERNAME%"
```

When, for example, the logged-on user, `Smith`, outputs the document, the following is stamped onto the document:

```
%USERNAME% = Smith
```

Rotate and/or Scale the Stamps with the Document

requirement

The text or graphic stamp has been configured:

→ *Configure a Text Stamp*, page 21

→ *Configure a Graphic Stamp*, page 22

instructions

This is how you configure if the stamp is rotated and/or scaled together with the document:

Step	Action

1	In the stamp layout file in the section for the stamp box, configure if the stamp box is to be rotated with the document:
	`[box]`
	`BO_ROTATE ROTATE|NOT_ROTATE`

2	In the stamp layout file, configure the default if the stamp box is to be scaled with the document: `SCALE_STAMP YES|NO`

3	In the stamp layout file in the section for the stamp box, configure if the stamp box is to be scaled with the document:
	`[box]`
	`BO_SCALE_BOX YES|NO`
	 hint - default:
	`SCALE_STAMP` is used as default for `BO_SCALE_BOX`.

4	Restart the output queue.

example

All stamp except `Box_3` are scaled with the document:

Extract of the stamp layout file:

```
...
SCALE_STAMP      YES
...
[Box_3]
...
   BO_SCALE_BOX   NO
...
```

Stamp Only the First Page

multi-page

When stamping multi-page documents, you can configure that only the first page is to be stamped.

requirement

The text or graphic stamp has been configured:

→ *Configure a Text Stamp*, page 21

→ *Configure a Graphic Stamp*, page 22

instructions

This is how you configure that only the first page of multi-page documents is stamped:

Step	Action
1	In the header of the output job, enter the following: `$ PLS_ONLYFIRSTSTP == YES`
2	Pass the header to PLOSSYS netdome together with the other job files.

hint - further possibilities

In the stamp layout file, you can configure for each stamp box onto which page the stamp is to be applied:

→ *Configure the Pages to Be Stamped*, page 38

example

In the `text.docx` document, only the first page is to be stamped:

Extract of the `test.hed` header:

```
$ PLS_ONLYFIRSTSTP == YES
```

The job files, `test.docx` and `test.hed`, are passed to PLOSSYS netdome.

Stamp the Front and Back Sides Differently

multi-page

When stamping multi-page documents, you can configure that the front and back sides are to be stamped differently.

instructions

This is how you configure different stamps for the front and the back sides:

Step	Action
1	Configure the stamps of the front sides in the stamp layout file *name*.stp.
2	Configure the stamps of the back sides in the extra stamp layout file *name*.pts. The stamp layout file for the back sides must have the same name as the stamp layout file for the front sides but pts as extension instead of stp.
3	In the header of the output job, enter the following: `$ PLS_DIFBACKSTP == YES`
4	Restart the output queue.

example

In the test.docx document, the front and back sides are to be stamped differently. The stamps for the front sides are configured in stamp.stp:

Extract of the test.hed header:

```
$ PLS_DIFBACKSTP == YES
```

The stamps for the back sides are configured in stamp.pts: The stamp layout files, stamp.stp and stamp.pts are available in PLOSSYS netdome. The job files, test.docx and test.hed, are passed to PLOSSYS netdome.

Pass a Graphic File With a Job

requirement

The graphic stamp has been configured:

→ *Configure a Graphic Stamp*, page 22

For passing graphic files as graphic stamps, it is required that the correspondent gates are configured this way that they save the passed file in the `%PLSDATA%\plotserv\associated` directory using the correct name. With converters, this behavior is preset.

example - HPGL gate

Example of the required items for the HPGL gate:

In `%PLSROOT%\server\plotserv\gates\hpgl\hpglgate.def`:

```
...
[Maingate]
   ...
   stampmet = stm
   ...
[FileExtOptional]
   ...
   stampmet = stm
   ...
```

instructions

This is how you pass a graphic file with the job files:

Step	Action

1	In the stamp layout file in the section for the stamp box, configure that the graphic file is passed with the job:
	`[box]`
	`...`
	`BO_FRAME *`
	`...`

2	Restart the output queue.
3	Pass the graphic file to PLOSSYS netdome together with the other job files.

example

In the `test.docx` document, the passed graphic file, `logo.met`, is applied as graphic stamp:

Extract of the stamp layout file:

```
[Box_1]
   ...
   BO_FRAME *
   ...
```

The graphic file, `logo.met`, is passed as `test.stm` as job file to PLOSSYS netdome.

Use a Variable in a GKS Metafile

variables in GKS metafile

In GKS metafiles, you can specify fix texts and all header items as variable, for example, `PLS_PLOTID`. The specified header items are replaced by its current values.

requirement

The graphic stamp has been configured:

→ *Configure a Graphic Stamp*, page 22

instructions

This is how you use variables in GKS metafiles:

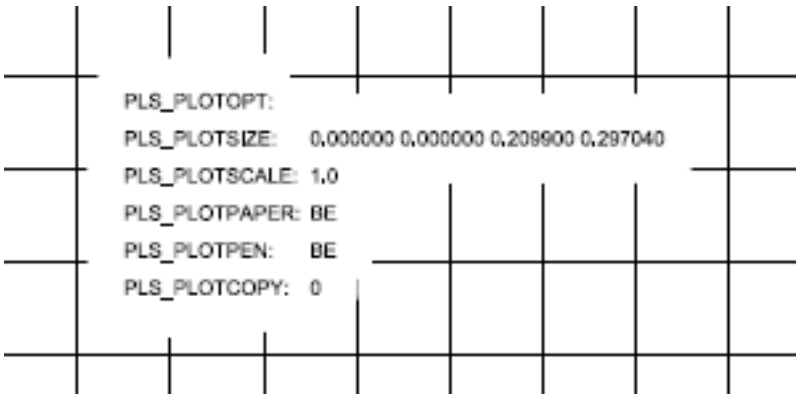
Step	Action
1	In the GKS metafile, specify the `GKSM` keyword, the text coordinates, the text length and the text or, with `$`, the header item.

example

The GKS metafile, `stamp.met`, is applied as graphic stamp. In the graphic stamp, the values of some header items are output:

Extract of `stamp.met`:

```
...
GKSM    13    36    -0.2500    0.35000    12PLS_PLOTOPT:
GKSM    13    36    0.00000    0.35000    12$PLS_PLOTOPT
GKSM    13    37    -0.2500    0.30000    13PLS_PLOTSIZE:
GKSM    13    37    0.00000    0.30000    13$PLS_PLOTSIZE
...
```



Apply a Flagpage Onto a Document

flagpage

In contrast to the other stamps, the flagpage may be output outside the document as well.

reference

The configuration and the application of a flagpage with PLOSSYS netdome is described in [NETDOME_TEC].

5 pdfstamp/pdfstamphft - Further Configuration and Operations

in this chapter

This chapter describes what you can configure additionally when stamping with `pdfstamp`/`pdfstamphft` and how you stamp with `pdfstamp`/`pdfstamphft`:

Topic	Page
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Pass a Stamp Text via a Stamp Text File	64
Pass a Stamp Text via a Header	65
Specify a Stamp Text Directly	66
Use a Variable in a Stamp Text	67
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Specify the Pages to Be Stamped	69
Keep PDF/A in the Output File	70
Mark a Stamp	71
Delete a Stamp	72
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stamp template

With `pdfstamp`/`pdfstamphft`, you can also stamp by using stamp templates.

→ *Stamping Using a Stamp Template*, page 76

Stamp a Document

requirement

The stamp layout file containing the configured stamps and the PDF configuration file are available.

instructions

This is how you stamp a document with `pdfstamp`/`pdfstamphft`:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify the stamp layout file with the `-stp` parameter, the PDF configuration file with the `-db` parameter and optionally further parameters: `pdfstamp -f file -stp stpfile -db dbfile ...`

example

The document, `original.pdf`, is stamped according to the configuration in the stamp layout file, `default.stp`, and the PDF configuration file, `default.db`. The output file is named `stamped.pdf`:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -o stamped.pdf
```

Pass a Stamp Text via a Stamp Text File

requirement

The stamp layout file containing the configured stamps and the PDF configuration file are available.

instructions

This is how you use texts contained in a stamp text file as stamps:

Step	Action
1	In the stamp text file, *stamptextfile*, enter the texts line-by-line: *text1* *text2* *text3* *text4* ... You can configure up to 100 stamps.
2	When calling pdfstamp/pdfstamphft, specify the stamp text file, *stamptextfile*, with the -txt parameter: `pdfstamp -f file -stp stpfile -db dbfile -txt stamptextfile`

example

The document, original.pdf, is stamped. The stamp texts are taken from the stamp text file, stamps.txt:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
  -txt stamps.txt
```

with the stamp text file, stamps.txt:

```
Released
2013-12-03
John Smith
```

Pass a Stamp Text via a Header

requirement

The stamp layout file containing the configured stamps and the PDF configuration file are available.

instructions

This is how you use texts contained in a header as stamps:

Step	Action
1	In the header, *header*, enter the texts line-by-line: `$ PLS_STAMP_n == "textn"` *n* can be between 0 and 99.
2	When calling pdfstamp/pdfstamphft, specify the *header* header with the -hed parameter: `pdfstamp -f file -stp stpfile -db dbfile -hed header`

hint - quotes

If you want to use quotes „ and " as special characters in a stamp text, you have to quote these by backslashes:

```
$ PLS_STAMP_0 == \„My text\"
```

example

The document, original.pdf, is stamped. The stamp texts are taken from the header, stamps.hed:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -hed stamps.hed
```

with the header, stamps.hed:

```
...
$ PLS_STAMP_0 == "Released"
$ PLS_STAMP_4 == "2013-12-03"
$ PLS_STAMP_5 == "Smith"
...
```

Specify a Stamp Text Directly

requirement

The stamp layout file containing the configured stamps and the PDF configuration file are available.

instructions

This is how you specify texts directly:

Step	Action
2	When calling `pdfstamp`/`pdfstamphft`, specify the texts with the `-tn` parameter: `pdfstamp -f file -stp stpfile -db dbfile -tn "text"`

example

The document, `original.pdf`, is stamped. The `Released` stamp text is specified directly:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
  -t3 "Released"
```

Use a Variable in a Stamp Text

variables

With `pdfstamp`/`pdfstamphft`, you can use the following variables in the stamp texts:

Variable	Meaning
`%PAGE%`	Current page number in the document
`%PAGES%`	Total page number of the document
`%DATE%`	Current date in the format: *`dd.mm.yyyy`* example - `13.12.2013`

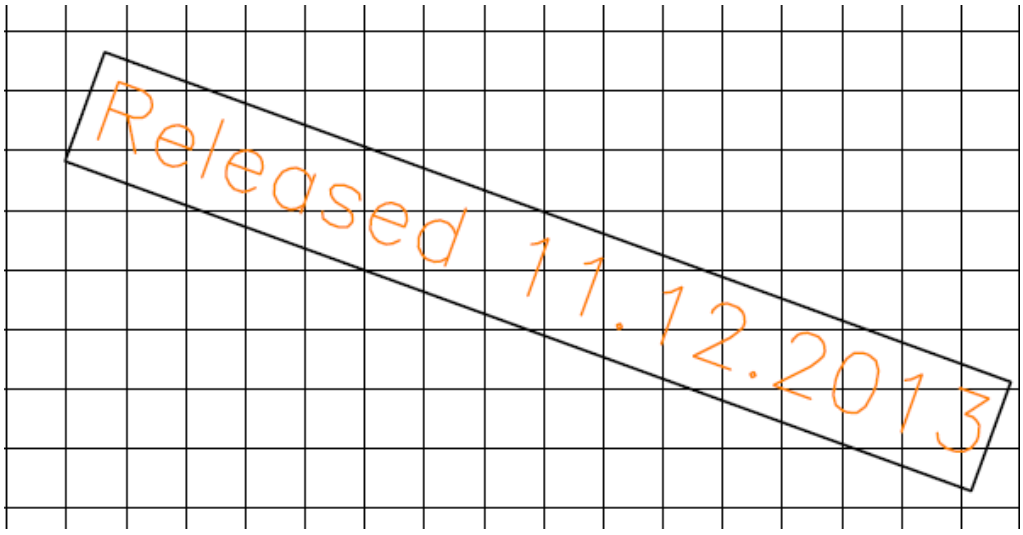
Caution - many pages

Do not use `%PAGE%` with PDF documents having many pages! For each page, a temporary PDF file with the stamps is generated. This file increases very quickly and, thereby, stamping takes a long time. If you do not use `%PAGE%`, the temporary DPF file will be re-used and must be imported only once. This saves space and computing time.

example

The document, `original.pdf`, is stamped. The `Released` stamp text is output with the current date:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
  -t3 "Released %DATE%"
```



Change the Displayed Page Number

requirement

The stamp layout file containing the configured stamps and the PDF configuration file are available.

instructions

This is how you change the displayed page number:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify the page number with which the page numbering is to be started with the `-startpagecount` parameter. `pdfstamp -f file -stp stpfile -db dbfile -startpagecount page` hint - `%PAGE%`: `%PAGE%` is set to the page number specified with `-startpagecount`.
2	When calling `pdfstamp`/`pdfstamphft`, optionally specify the page number which is to be used as total page count with the `-totalpagecount` parameter: `-totalpagecount total` hint - `%PAGES%`: `%PAGES%` is set to the total page number specified with `-totalpagecount`.

example

Page numbers are stamped onto to the document, `original.pdf`. The page numbering is generated with the `t0` stamp text and the `%PAGE%` and `%PAGES%` variables. Because this document is to be output as document part, the page numbering is to start at page 17 and 100 is to be displayed as total page number. Then, the page numbering is displayed as "Page 17 of 100", "Page 18 of 100", and so on:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
  -t0 "Page %PAGE% of %PAGES%" -startpagecount 17
  -totalpagecount 100
```

Specify the Pages to Be Stamped

requirement

The stamp layout file containing the configured stamps and the PDF configuration file are available.

instructions

This is how you specify the pages to be stamped:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify the pages to be stamped with the `-p` parameter: `pdfstamp -f file -stp stpfile -db dbfile -p pages`

example

The document, `test.pdf`, is stamped. The first three pages are stamped:

```
pdfstamp -f test.pdf -stp default.stp -db default.db -p 1-3
```

Keep PDF/A in the Output File

requirement

The stamp layout file containing the configured stamps and the PDF configuration file are available.

The following requirements must be fulfilled for the keeping of PDF/A:

- The ICC file, `srgb.icc`, must be available in the `%PLSTOOLS%\convcfg` directory.
- The `SEALRESOURCEPATH` environment variable must be set to the `%PLSTOOLS%\convcfg` directory.
- The input file is to be conform to PDF/A.

conformance level

The conformance level of the output file is set to the conformance level of the input file that means, for example, if the input file is conform to PDF/A-2, the output file will be conform to PDF/A-2, too.

instructions

This is how you keep PDF/A for the output file:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify with the `-forcepdfa` parameter that the output file is to be conform to PDF/A and an error message is to be output if this is impossible: `pdfstamp -f` *`file`* `-stp` *`stpfile`* `-db` *`dbfile`* `-forcepdfa`

example

The document, `test.pdf`, is stamped. The output file, `stamped.pdf`, is to be conform to PDF/A like the input file:

```
pdfstamp -f test.pdf -stp default.stp -db default.db
  -o stamped.pdf -forcepdfa
```

Mark a Stamp

requirement

The stamp layout file containing the configured stamps and the PDF configuration file are available.

instructions

This is how you mark stamps:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify the mark for the stamps with the `-sti` parameter: `pdfstamphft -f file -stp stpfile -db dbfile -sti mark` hint - internal default mark: When specifying `-sti` without value, the stamps get the internal default mark.

example

The document, `original.pdf`, is stamped. The stamps get the `to_be_deleted` mark:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -sti to_be_deleted
```

Delete a Stamp

requirement

The stamps has been marked when stamping:

→ *Mark a Stamp*, page 71

instructions

This is how you delete stamps:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify the mark for the stamps to be deleted with the `-d` parameter: `pdfstamphft -f file -d mark` hint - internal default mark: If you specify `-d` without value, the stamps with the internal default mark are deleted.

example

From the document, `original.pdf`, the stamps marked with `to_be_deleted` are deleted:

```
pdfstamp -f original.pdf -d to_be_deleted
```

Generate a Stamp As PDF Annotation

requirement

The stamp layout file containing the configured stamps and the PDF configuration file are available.

instructions

This is how you generate stamps as PDF annotations:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify with the `-ma` parameter that the stamps are to be generated as PDF annotations: `pdfstamp -f file -stp stpfile -db dbfile -ma`
2	When calling `pdfstamp`/`pdfstamphft`, optionally specify with the `-af` parameter with which properties the PDF annotations are to be generated: `-af properties`

example

The document, `test.pdf`, is stamped. The stamp is configured in the stamp layout file, `default.stp`, and contains the `Released` text. The stamp is generated as PDF annotation which will not be displayed but printed:

```
pdfstamp -f test.pdf -stp default.stp -db default.db
  -t0 "Released" -ma -af 100100
```

Apply a Flagpage Onto a Document

flagpage

In contrast to the other stamps, the flagpage may be output outside the document as well.

requirement

The stamp layout file containing the configured stamps and the PDF configuration file are available.

instructions

This is how you configure the layout of the flagpage:

Step	Action
1	Generate a flagpage configuration file and configure the position and the layout of the flagpage with the `FP_*` items within. → *Flagpage Configuration*, page 146 **Caution** - not supported: `FP_GENERATE`, `FP_ROTATE` and `FP_UPVECTOR` are not supported by `pdfstamp`/`pdfstamphft`.
2	When calling `pdfstamp`/`pdfstamphft`, specify the flagpage configuration file with the `-fp` parameter and the flagpage texts with the `-fptxtn` parameters: `pdfstamp -f file -stp stpfile -db dbfile -fp flagepagefile -fptxt1 txt1 ... -fptxtn txtn`

example

The document, `original.pdf`, is stamped. The output file is named `flagged.pdf`. It contains the flagpage, `"John Smith 2013-10-11"`, according to the configuration in `flagpage.cfg`:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
  -o flagged.pdf -fp flagpage.cfg
  -fptxt1 "John Smith 2013-10-11"
```

with the flagpage configuration file, `flagpage.cfg`

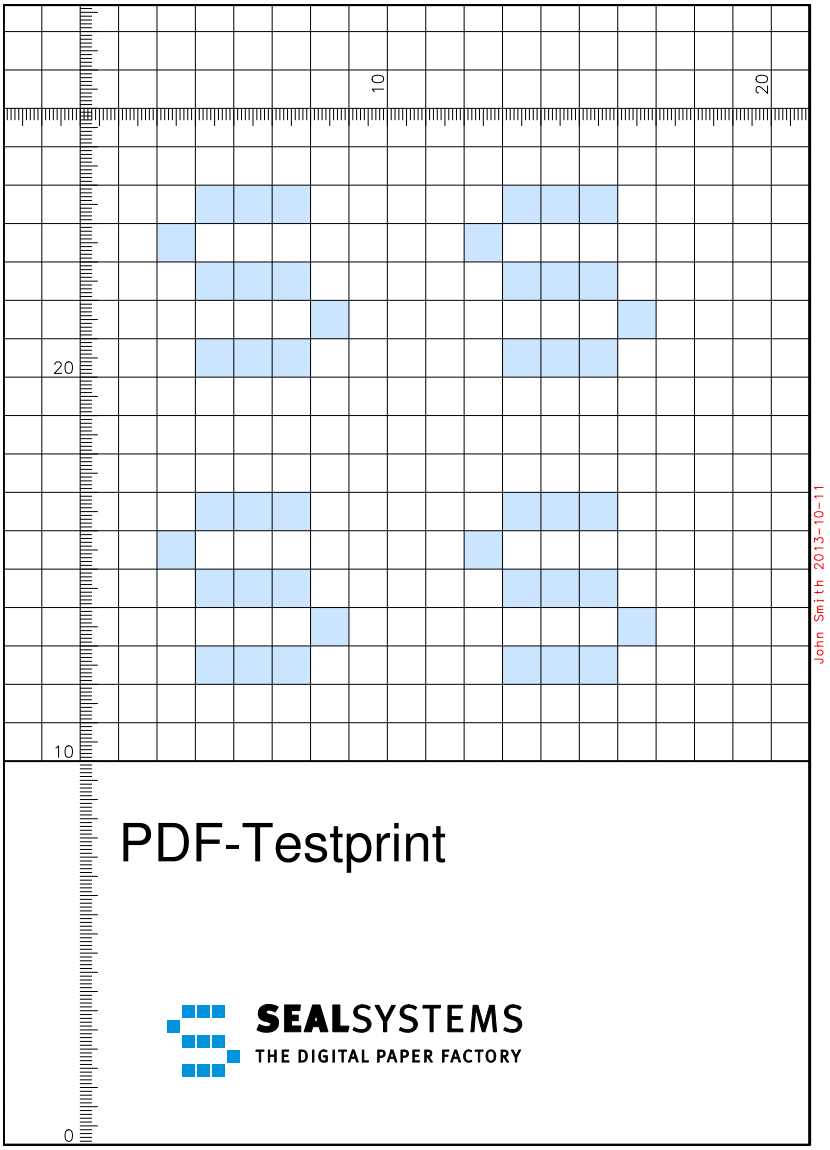
```
FP_POSITION          OUTSIDE
FP_SIDE              RIGHT
FP_ALIGNMENT         CENTER
FP_COLOR             2
FP_DISTANCEX         0.001
FP_DISTANCEY         0.001
FP_FONT              -855
FP_LINEWIDTH         0.0005
FP_SPACING           0.000
FP_TEXTSIZE          0.003
FP_CLEARBG           N
```

To be continued

Apply a Flagpage Onto a Document, Continuation

generates `flagged.pdf`:

example, continuation



6 Stamping Using a Stamp Template

pdfstamp/ pdfstamphft

Stamp templates are supported when stamping via `pdfstamp`/`pdfstamphft`.

stamp template

You can use any PDF file as stamp template. As an alternative, you generate a stamp template using `pdfstamp`/`pdfstamphft`:

→ *Generate a Stamp Template*, page 77

in this chapter

This chapter deals with the following topics:

Topic	Page
Generate a Stamp Template	77
Stamp a Document	78
Position the Stamp Template on the Document	79
Select Pages From the Stamp Template	80
Specify the Pages to Be Stamped	81
Apply the Stamp Template As Watermark	82
Keep PDF/A in the Output File	83
Replace a Text in the Stamp Template	84

Generate a Stamp Template

requirement

The layout of the stamp boxes and texts is configured in the stamp layout file, `stpfile`:

→ *Stamp Configuration*, page 20

instructions

This is how you generate a PDF file as stamp template:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify the name under which the stamp template is to be saved with the `-o` parameter, the stamp layout file with the `-stp` parameter and the PDF configuration file with the `-db` parameter: `pdfstamp -o template -stp stpfile -db dbfile`
2	When calling `pdfstamp`/`pdfstamphft`, optionally specify the width and height of the stamp template in meters with the `-x` and `-y` parameters: `-x width -y height`

3	When calling `pdfstamp`/`pdfstamphft`, specify the stamp texts using one of the available ways:
	`-hed header`
	`-tn textn`
	`-txt textfile`

example

The stamp template, `released.pdf`, is generated from the stamp layout file, `default.stp`. The width of the stamp template is 5 cm and its height is 3 cm and the stamp template contains the `Released` text:

```
pdfstamp -o released.pdf -stp default.stp -db default.db
   -t0 "Released" -x 0.05 -y 0.03
```

Stamp a Document

requirement

Any PDF file is available as stamp template or a stamp template has been generated with `pdfstamp`/`pdfstamphft`:

→ *Generate a Stamp Template*, page 77

instructions

This is how you stamp a document with a stamp template:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify the stamp template with the `-stp` parameter: `pdfstamp -f file -stp template`

example

The document, `test.pdf`, is stamped with the stamp template, `template.pdf`:

```
pdfstamp -f test.pdf -stp template.pdf
```

Position the Stamp Template on the Document

Any PDF file is available as stamp template or a stamp template has been generated with `pdfstamp`/`pdfstamphft`: requirement

→ *Generate a Stamp Template*, page 77

This is how you position the stamp template on the document: instructions

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify the horizontal and vertical positions of the stamp template with the `-pos` parameter: `pdfstamp -f` *`file`* `-stp` *`template`* `-pos` *`hv`*
2	When calling `pdfstamp`/`pdfstamphft`, optionally specify the horizontal and vertical distance to the position with the `-off` parameter: `-off` *`xxy unit`*

example

The document, `test.pdf`, is stamped with the stamp template, `template.pdf`. The stamp template is positioned at the bottom right with an horizontal distance of 2 cm and a vertical distance of 3 cm:

```
pdfstamp -f test.pdf -stp template.pdf -pos rb -off 2x3 cm
```

Select Pages From the Stamp Template

requirement

Any PDF file is available as stamp template or a stamp template has been generated with `pdfstamp`/`pdfstamphft`:

→ *Generate a Stamp Template*, page 77

instructions

This is how you specify pages of the stamp template that are to be used as stamps:

Step	Action

1	When calling `pdfstamp`/`pdfstamphft`, specify the number of the page to be used as stamp with the `-pst` parameter:
	`pdfstamp -f file -stp template -pst page`
	Alternative:
	Configure the pages in a page configuration file and specify this with the `-i` parameter when calling `pdfstamp`/`pdfstamphft`:
	`pdfstamp -f file -stp template -i pagefile`

page configuration file

For each page to be stamped, the page configuration file contains a `[Page n]` section containing a `PLS_STAMP_PAGE=y` item with *y* is the page from the stamp template.

example - `-pst` parameter

The document, `test.pdf`, is stamped with the stamp template, `sealstamp.pdf`. The third page of the stamp template contains the stamp with the logo. The pages of the document are to be stamped with the logo:

```
pdfstamp -f test.pdf -stp sealstamp.pdf -pst 3
```

example - page configuration file

The four-page document, `m4.pdf`, is stamped with the stamp template, `sealstamp.pdf`. The stamp template contains three stamps for different purposes: cover sheet, trailer sheet and logo. The first page is stamped with the cover sheet stamp, the last one with the trailer sheet stamp and the other pages with the logo. The mapping of the pages is specified in the page configuration file, `page.inp`:

```
[Page 1]
PLS_STAMP_PAGE=1
[Page 2]
PLS_STAMP_PAGE=3
[Page 3]
PLS_STAMP_PAGE=3
[Page 4]
PLS_STAMP_PAGE=2
```

and the following call:

```
pdfstamp -f m4.pdf -stp sealstamp.pdf -i page.inp
```

Specify the Pages to Be Stamped

requirement

Any PDF file is available as stamp template or a stamp template has been generated with `pdfstamp`/`pdfstamphft`:

→ *Generate a Stamp Template*, page 77

instructions

This is how you specify the pages to be stamped:

Step	Action

1	When calling `pdfstamp`/`pdfstamphft`, specify the pages to be stamped with the `-p` parameter:
	`pdfstamp -f file -stp template -p pages`
	Alternative:
	Configure the pages in a page configuration file and specify this with the `-i` parameter when calling `pdfstamp`/`pdfstamphft`:
	`pdfstamp -f file -stp template -i pagefile`

page configuration file

For each page to be stamped, the page configuration file contains a `[Page n]` section containing a `PLS_STAMP_PAGE=y` item with *y* is the page from the stamp template.

example - `-p` parameter

The document, `test.pdf`, is stamped with the stamp template, `sealstamp.pdf`. The odd pages are stamped:

```
pdfstamp -f test.pdf -stp sealstamp.pdf -p odd
```

example - page configuration file

The four-page document, `m4.pdf`, is stamped with the stamp template, `sealstamp.pdf`. The stamp template contains three stamps for different purposes: cover sheet, trailer sheet and logo. The first page is stamped with the cover sheet stamp, the last one with the trailer sheet stamp and the other pages with the logo. The mapping of the pages is specified in the page configuration file, `page.inp`:

```
[Page 1]
PLS_STAMP_PAGE=1
[Page 2]
PLS_STAMP_PAGE=3
[Page 3]
PLS_STAMP_PAGE=3
[Page 4]
PLS_STAMP_PAGE=2
```

and the following call:

```
pdfstamp -f m4.pdf -stp sealstamp.pdf -i page.inp
```

Apply the Stamp Template As Watermark

requirement

Any PDF file is available as stamp template or a stamp template has been generated with `pdfstamp`/`pdfstamphft`:

→ *Generate a Stamp Template*, page 77

instructions

This is how you apply a stamp template as watermark onto the document:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify with the `-usepdfaswatermark` parameter that the stamp template is to be stamped as watermark: `pdfstamp -f file -stp template -usepdfaswatermark`

example

The document, `test.pdf`, is stamped with the stamp template, `template.pdf`. The stamps of the stamp template are applied as watermarks onto the document.

```
pdfstamp -f test.pdf -stp template.pdf -usepdfaswatermark
```

Keep PDF/A in the Output File

requirement

Any PDF file is available as stamp template or a stamp template has been generated with `pdfstamp`/`pdfstamphft`:

→ *Generate a Stamp Template*, page 77

The following requirements must be fulfilled for the keeping of PDF/A:

- The ICC file, `srgb.icc`, must be available in the `%PLSTOOLS%\convcfg` directory.
- The `SEALRESOURCEPATH` environment variable must be set to the `%PLSTOOLS%\convcfg` directory.
- The input file and the stamp template must be conform to PDF/A.

conformance level

The conformance level of the output file is set to the highest conformance level of the input files that means, for example, if at least one of the input files is conform to PDF/A-2, the output file will be conform to PDF/A-2, too. The smallest sub level among the input files is taken as sub level of the output file. The comparison order is b, u and a.

instructions

This is how you keep PDF/A for the output file:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify with the `-forcepdfa` parameter that the output file is to be conform to PDF/A and an error message is to be output if this is impossible: `pdfstamp -f file -stp template -forcepdfa`

example

The document, `test.pdf`, is stamped with the stamp template, `template.pdf`. The output file, `stamped.pdf`, is to be conform to PDF/A like the input file:

```
pdfstamp -f test.pdf -stp template.pdf -o stamped.pdf
  -forcepdfa
```

Replace a Text in the Stamp Template

stamp template

When stamping a document with a stamp template, you can replace the texts contained in the stamp template.

Caution - restriction

Please note the following restrictions when replacing texts in a stamp template:

- The text to be replaced can not be found if, for example, the stamp text does not exist as text but as an amount of vectors.
- Some characters in the replacing text may not be displayed unless the font has been embedded in the stamp text completely.
- The border may no longer fit after the replacement due the border will not be adjusted to the new text.

instructions

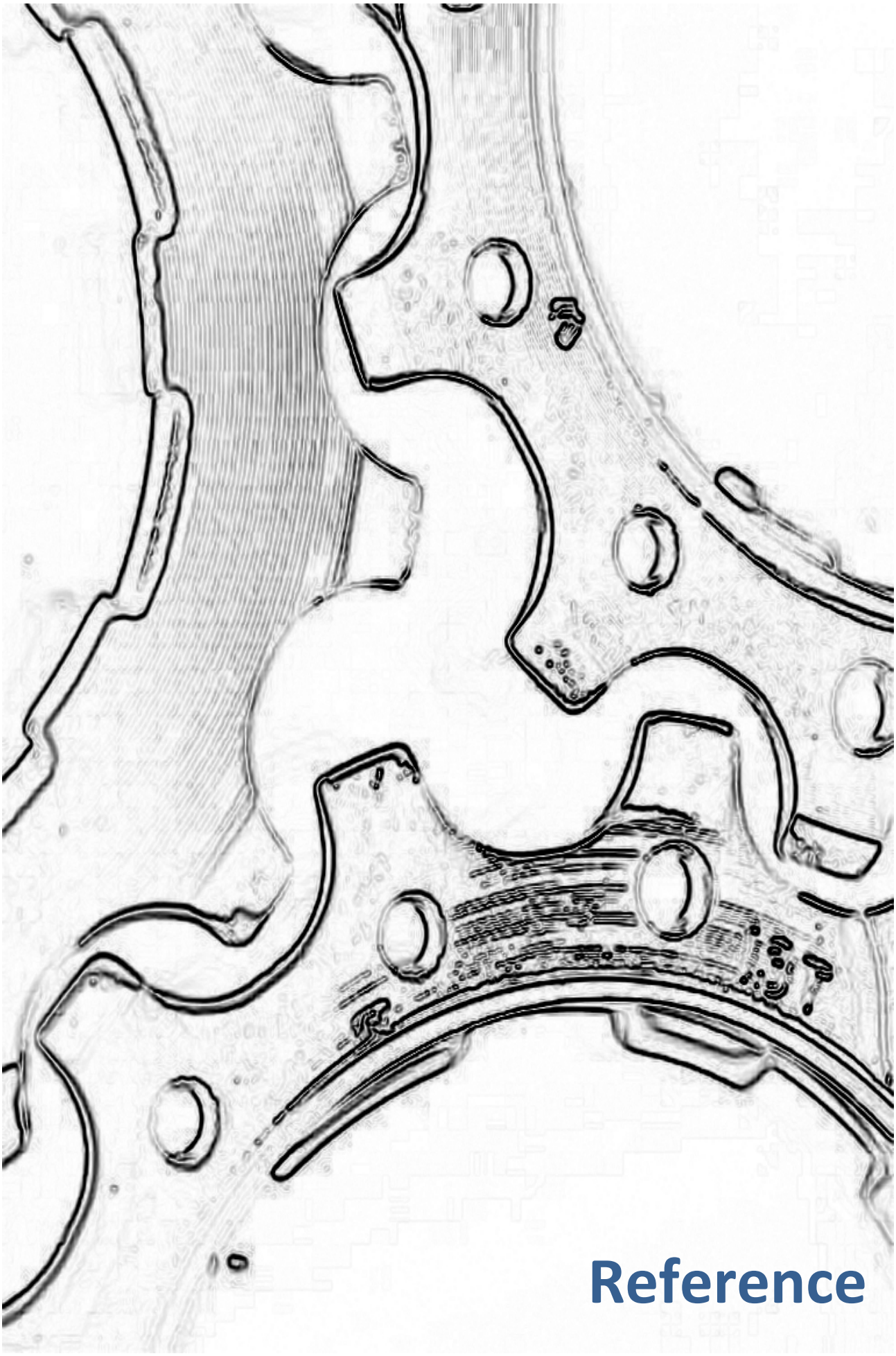
This is how you replace a text in the stamp template:

Step	Action
1	When calling `pdfstamp`/`pdfstamphft`, specify the text to be replaced with the `-k` parameter and the new text with the `-t` parameter: `pdfstamp.exe -f` *`file`* `-stp` *`template`* `-k` *`oldtext`* `-t` *`newtext`*

example

The document, `test.pdf`, is stamped with the stamp template, `template.pdf`. In the stamp template, the `USER` text is replaced by `John Smith`:

```
pdfstamp -f test.pdf -stp template.pdf -k USER -t "John Smith"
```



Reference

7 Parameter of pdfstamp/pdfstamphft - Reference

mandatory parameters

The programs have the following mandatory parameters:

Mandatory Parameter	Page
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optional parameters

The programs have the following optional parameters:

Optional Parameters	Page
-af <binary> Properties of the PDF Annotation	89
-d <string> Delete a Stamp	90
-db <string> PDF Configuration File	91
-f <string> Input File	92
-forcepdfa Keep PDF/A in the Output File	93
-fp <string> Flagpage Configuration File	94
-fptxt<n> <string> Flagpage Texts	95
-graystamp <enumeration> Display of the Gray Stamps	96
-h Output the Usage	97
-hed <string> Header with Stamp Texts	98
-i <string> Page Configuration File	99
-k <string> Text to Be Replaced in the Stamp Template	100
-keep Do Not Delete Temporary Stamp Files	101
-ma Generate the Stamp As a PDF Annotation	102
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To be continued

Parameter of pdfstamp/pdfstamphft - Reference, Continuation

optional parameters, contd.

The programs have the following optional parameters, continuation:

Optional Parameters	Page
-setuu <float> UserUnit	111
-startpagecount <integer> Start of the Page Numbering	112
-sti <string> Mark a Stamp	113
-t <string> New Text for the Stamp Template	115
-t<n> <string> Stamp Text	116
-totalpagecount <integer> Total Page Number	117
-txt <string> Stamp Text File	118
-uselogicalpage Consider startpagecount	119
-usepdfaswatermark Stamp As Watermark	120
-x <float> Width of the Stamp Template	121
-y <float> Height of the Stamp Template	122

-af <binary> Properties of the PDF Annotation

purpose

With the `-af` (annotation flag) parameter, you specify the properties of the PDF annotations when generating stamps as PDF annotations using the `-ma` parameter.

type

This parameter is optional.

value

With `-af`, you specify the following value:

Value	Description
flag	Properties of the PDF annotations as array of bits: Starting from the right, the bits have the following meanings: Bit 1: Invisible Bit 2: Hidden Bit 3: Print Bit 4: NoZoom Bit 5: NoRotate Bit 6: NoView Bit 7: Readonly Bit 8: Locked Bit 9: ToggleNoView Bit 10: LockedContents reference - annotation flag: For further information about the single bits in the annotation flag, refer to [PDF_REF].

default

Default `100`, that means the print bit is set, the other bits are not set.

example

The document, `original.pdf`, is stamped with the texts contained in `default.txt`. The stamps are generated as PDF annotations that may be printed but not displayed:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -txt default.txt -ma -af 100100
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-ma Generate the Stamp As a PDF Annotation	102

-d <string> Delete a Stamp

purpose

With the `-d` (delete) parameter, you specify that the stamps with the specified or the internal default mark are to be deleted. The mark is set with the `-sti` parameter.

type

This parameter is optional.

value

With `-d`, you can specify the following value:

Value	Description
name	Mark of the stamps to be deleted

default

If you specify `-d` without value, the stamps with the internal default mark are deleted.

examples

From the document, `original.pdf`, the stamp marked with `stamp1` is deleted:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
  -d stamp1
```

From the input file, `original.pdf`, all stamps marked with the internal default mark are deleted:

```
pdfstamp -f original.pdf -stp default.stp -db default.db -d
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-sti <string> Mark a Stamp	113

-db <string> PDF Configuration File

purpose

With the `-db` parameter, you specify the text file in which the DPF generation is configured.

type

The parameter is mandatory unless using a stamp template.

value

With `-db`, you specify the following value:

Value	Description
file	Name of the file containing the configuration of the PDF generation

default

There is no default.

file syntax

→ *PDF Configuration File (.db)*, page 140

hint - system file

The PDF configuration file is a system file that must be modified in very rare case only.

example

The document, `original.pdf`, is stamped according to the stamp layout file, `default.stp`, and with the texts contained in `default.txt`. The PDF generation is configured in the PDF configuration file, `output.db`:

```
pdfstamp -f original.pdf -stp default.stp -db output.db
   -txt default.txt
```

-f <string> Input File

purpose

With the `-f` parameter, you specify the document to be stamped.

type

The parameter is mandatory when using `pdfstamp`/`pdfstamphft` for stamping a document.

The parameter must not be specified when using `pdfstamp`/`pdfstamphft` for generating a stamp template.

value

With `-f`, you specify the following value:

Value	Description
file	Name of the input file

default

If you do not specify the `-f` parameter but the `-o` parameter, a stamp template is generated.

example

The document, `original.pdf`, is stamped according to the stamp layout file, `default.stp`, and with the texts contained in `default.txt`.

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -txt default.txt
```

-forcepdfa Keep PDF/A in the Output File

purpose

With the `-forcepdfa` parameter, you specify that the output file is to be confirm to PDF/A.

Caution - requirement

The following requirements must be fulfilled for the generation of PDF/A:

- The ICC file, `srgb.icc`, must be available in the `%PLSTOOLS%\convcfg` directory.
- The `SEALRESOURCEPATH` environment variable must be set to the `%PLSTOOLS%\convcfg` directory.
- All input files that means the stamp template as well must be conform to PDF/A.

type

This parameter is optional.

default

By default, the operations that make sense for PDF/A are executed, such as embedding the fonts for the stamp, but the output file does not have to be conform to PDF/A.

example

The document, `original.pdf`, is stamped with the stamp template, `template.pdf`. The stamped file is to be conform to PDF/A:

```
pdfstamp -f original.pdf -stp template.pdf -forcepdfa
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-nopdfa Do Not Force PDF/A	103

-fp <string> Flagpage Configuration File

purpose

With the `-fp` (flagpage) parameter, you specify a text file in which the layout of the flagpage is configured.

type

This parameter is optional.

value

With `-fp`, you specify the following value:

Value	Description
file	Name of the text file containing the configuration of the flagpage

default

There is no default.

file syntax

→ *Flagpage Configuration*, page 146

example

The flagpage with the date and the time is applied onto the document, `original.pdf`. The layout of the flagpage is configured in `flagpage.fp`:

```
pdfstamp -f original.pdf -db default.db -fp flagpage.fp
  -fptxt1 "2013-09-12" -fptxt2 "15:46"
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-fptxt<n> <string> Flagpage Texts	103

-fptxt<n> <string> Flagpage Texts

purpose

With the `-fptxtn` (flagpage text) parameter, you specify the texts for the flagpage.

type

The parameter is mandatory when specifying the `-fp` parameter.

value

With `-fptxtn`, you specify the following value:

Value	Description
text	Text of the flagpage *n* with *n* from `1` to `5`

default

There is no default.

example

The flagpage with the date and the time is applied onto the document, `original.pdf`. The layout of the flagpage is configured in `flagpage.fp`:

```
pdfstamp -f original.pdf -db default.db -fp flagpage.fp
  -fptxt1 "2013-09-12" -fptxt2 "15:46"
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-fp <string> Flagpage Configuration File	103

-graystamp <enumeration> Display of the Gray Stamps

purpose

With the `-graystamp` parameter, you specify how the gray stamps are to be displayed.

gray stamp

For a gray stamp, the `BO_CREATION` item in the stamp layout file is set to `GRAY_STAMP`.

→ *Stamp Layout File (.stp)*, page 124

type

This parameter is optional.

value

With `-graystamp`, you can specify the following values:

Value	Description
`color`	The gray stamps are displayed transparent colored.
`gray`	The gray stamps are displayed transparent gray.
`simulated`	The gray stamps are simulated by Black and White.

default

Default is `color`, that means that gray stamps are displayed transparent colored.

alternative

As an alternative to the specification of the `-graystamp` parameter, you can set the `PDF_GRAYSTAMP` environment variable to the desired value.

example

The document, `original.pdf`, is stamped with a transparent gray stamp.

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -txt default.txt -graystamp gray
```

-h Output the Usage

With the `-h` parameter, you get the usage.

purpose

This parameter is optional.

type

All parameters are displayed:

```
pdfstamp -h
```

example

-hed <string> Header with Stamp Texts

purpose

With the `-hed` Parameter, you specify a header containing the stamp texts.

type

For a text stamp, the stamp text must be specified using one of the available ways (`-hed`, `-txt`, `-tn`, `TX_TEXT`), otherwise the stamp will not be applied.

hint - priority

The texts specified with `-tn` take priority to the texts that are passed in the header with stamp texts and in the stamp text file.

value

With `-hed`, you specify the following value:

Value	Description
file	Name of the header containing the stamp texts

default

There is no default.

file syntax

The syntax of the header is described in [NETDOME_HEADER_TEC].

example

The document, `original.pdf`, is stamped. The stamp texts are passed in the `default.hed` header:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -hed default.hed
```

with the `default.hed` header:

```
...
$ PLS_STAMP_0 == "Released"
$ PLS_STAMP_1 == "2013-12-03"
$ PLS_STAMP_2 == "John Smith"
...
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-txt <string> Stamp Text File	118
-t<n> <string> Stamp Text	116

-i <string> Page Configuration File

purpose

With the `-i` parameter, you specify a text file with the configuration which pages from the stamp template are to be stamped on which pages of the output file.

type

This parameter is optional.

value

With `-i`, you specify the following value:

Value	Description
file	Name of the text file containing the page settings

default

By default, all pages are stamped.

file syntax

For each page to be stamped, the page configuration file contains a `[Page n]` section containing a `PLS_STAMP_PAGE=y` item with *y* is the page from the stamp template.

example

The four-page document, `original.pdf`, is stamped with different pages from the three-page stamp template, `template.pdf`. The mapping is configured in `layout.ini`:

```
pdfstamp -f original.pdf -stp template.pdf -i layout.ini
```

with the page configuration file, `layout.ini`:

```
[Page 1]
PLS_STAMP_PAGE=1
[Page 2]
PLS_STAMP_PAGE=3
[Page 3]
[Page 4]
PLS_STAMP_PAGE=2
```

results in:

- Page 1 of `original.pdf` is stamped with page 1 of `template.pdf`.
- Page 2 of `original.pdf` is stamped with page 3 of `template.pdf`.
- Page 3 of `original.pdf` is not stamped.
- Page 4 of `original.pdf` is stamped with page 2 of `template.pdf`.

-k <string> Text to Be Replaced in the Stamp Template

purpose

With the `-k` (keyword) parameter, you specify the text to be replaced in the stamp template.

type

This parameter is optional.

value

With `-k` you specify the following value:

Value	Description
key	Text to be replaced in the stamp template by another text; texts with blanks must be quoted with ".

default

There is no default.

example

The document, `original.pdf`, is stamped with the stamp template, `template.pdf`. The `USER` text is replaced by `John Smith`:

```
pdfstamp -f original.pdf -stp template.pdf
  -k USER -t "John Smith"
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-t <string> New Text for the Stamp Template	115

-keep Do Not Delete Temporary Stamp Files

purpose

With the `-keep` parameter, you specify that the temporary stamp file are not to be deleted.

type

This parameter is optional.

default

By default, the temporary stamp files are deleted.

example

The document, `original.pdf`, is stamped with the stamp template, `template.pdf`. The temporary stamp files are kept.

```
pdfstamp -f original.pdf -stp template.pdf -keep
```

-ma Generate the Stamp As a PDF Annotation

purpose

With the `-ma` (make annotation) parameter, you specify that the stamps are generated as PDF annotations.

type

This parameter is optional.

default

By default, the stamps are generated as graphic elements.

example

The document, `original.pdf`, is stamped with the texts contained in `default.txt`. The stamps are generated as PDF annotations:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -txt default.txt -ma
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-af <binary> Properties of the PDF Annotation	89

-nopdfa Do Not Force PDF/A

purpose

With the `-nopdfa` parameter, you specify that the operations that make sense for PDF/A are not to be executed. Such an operation is, for example, embedding the fonts for the stamps.

type

This parameter is optional.

default

By default, the operations that make sense for PDF/A are executed.

example

The document, `original.pdf`, is stamped with the stamp template, `template.pdf`. The operations that make sense for PDF/A are not executed:

```
pdfstamp -f original.pdf -stp template.pdf -nopdfa
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-forcepdfa Keep PDF/A in the Output File	93

-o <string> Output File

purpose

With the `-o` (output) parameter, you specify the output file.

type

The parameter is optional when using `pdfstamp`/`pdfstamphft` for stamping a document.

The parameter is mandatory when using `pdfstamp`/`pdfstamphft` for generating a stamp template.

value

With `-o`, you specify the following value:

Value	Description
file	Name of the output file

default

By default, the output file overwrites the input file when stamping a document.

example - stamp file

The document, `original.pdf`, is stamped. The stamped output file, `stamped.pdf`, is generated:

```
pdfstamp -f original.pdf -o stamped.pdf -stp default.stp
   -db default.db -txt default.txt
```

example - generate stamp template

The stamp template, `template.pdf`, is generated with the stamp layout file `default.stp`, the PDF configuration file, `default.db` and the stamp texts in `default.txt`:

```
pdfstamp -o template.pdf -stp default.stp -db default.db
   -txt default.txt
```

-off <string> Offset of the Stamp Template

purpose

With the `-off` (offset) parameter, you specify the horizontal and vertical distance of the position of the stamp template specified with the `-pos` parameter.

type

This parameter is optional.

value

With `-off`, you specify the following value:

Value	Description
xxy unit	Horizontal and vertical distance of the stamp template to the specified position in direction of the document center. Available values for *x* and *y*: floats Available values for *unit*: `mm`: Millimeter (Default) `cm`: centimeter `m`: Meter

default

Default is `0.0x0.0`, that means that the stamp template have no distance to the specified position.

example

The document, `original.pdf`, is stamped with the stamp template, `template.pdf`. The stamp is positioned at the top right with an horizontal distance of 2 cm and a vertical distance of 1,5 cm:

```
pdfstamp -f original.pdf -stp template.pdf -pos rt
   -off 2.0x1.5 cm
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-pos <string> Position of the Stamp Template	107

-p <enumeration> Pages to Be Stamped

purpose

With the `-p` (pages) parameter, you specify the pages to be stamped.

type

This parameter is optional.

values

With `-p`, you can specify the following values:

Value	Description
`0`	All pages will be stamped.
`page`	The *`page`* page will be stamped.
`i,j,k`	The pages *`i`*, *`j`*, and *`k`* will be stamped.
`i..j`	The pages in the range from *`i`* to *`j`* will be stamped.
`even`	All even pages will be stamped.
`last`	Only the last page will be stamped.
`odd`	All odd pages will be stamped.

default

Default is `0`, that means all pages are stamped.

example

In the document, `original.pdf`, the third page is stamped:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
  -txt default.txt -p 3
```

-pos <string> Position of the Stamp Template

purpose

With the `-pos` (position) parameter, you specify the position where the stamp template is to be applied onto the document.

type

This parameter is optional.

value

With `-pos`, you specify the following value:

Value	Description
hv	Position of the stamp template on the document Available values for *h*: `l`: left `m`: middle `r`: right Available values for *v*: `b`: bottom `m`: middle `t`: top

default

Default `lb`, that means at the bottom left.

example

The document, `original.pdf`, is stamped with the stamp template, `template.pdf`. The stamp is displayed in the center:

```
pdfstamp -f original.pdf -stp template.pdf -pos mm
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-off <string> Offset of the Stamp Template	105

-pst <enumeration> Page From the Stamp Template

purpose

With the `-pst` (page stamp template) parameter, you specify which page of a multi-page stamp template are to be used as stamp.

type

This parameter is optional.

values

With `-pst`, you specify the following value:

Value	Description
page	The *page* page from the stamp template will be used as stamp.

default

Default is `1`, that means that the first page of the stamp template is used.

example

The document, `original.pdf`, is stamped with third page of the stamp template, `template.pdf`.

```
pdfstamp -f original.pdf -stp template.pdf -pst 3
```

-rec Stamp Embedded Files Recursively

With the `-rec` (recursive) parameter, you specify that the PDF files embedded in PDF collections are to be stamped recursively.

purpose

The `-rec` parameter is only available for `pdfstamphft`.

Caution - pdfstamphft

This parameter is optional.

type

By default, the embedded PDF files are not stamped.

default

The document, `collection.pdf`, is stamped with the stamp template, `template.pdf`. All embedded PDF files are stamped recursively:

```
pdfstamphft -f collection.pdf -stp template.pdf -rec
```

example

-setimagemask Change the White Background to Transparent

purpose

With the `-setimagemask` parameter, you specify that a white background is set transparent. For this, the ImageMask is set to transparent.

hint - watermark

The `-setimagemask` parameter is important with watermarks for example due to the actual transparent but white displayed background would cover the watermark.

type

This parameter is optional.

default

By default, the background displayed in white remains white.

example

The document, `original.pdf`, is stamped as watermark with the stamp template, `template.pdf`. The white background is set to transparent:

```
pdfstamp -f original.pdf -stp template.pdf -usepdfaswatermark
  -setimagemask
```

-setuu <float> UserUnit

With the `-setuu` (set user unit) parameter, you specify the UserUnit to be set in the output file.

purpose

Acrobat Reader can only display PDF files up to a size of 14400 units (200 inch). If a UserUnit is set in the PDF file, all internal metric coordinates are divided by the value of the UserUnit. Because Adobe Reader and other viewers evaluate the UserUnit, the correct size is identified.

background knowledge

This parameter is optional.

type

With `-setuu`, you specify the following value:

value

Value	Description
userunit	UserUnit; if the value is smaller than 1.0, the UserUnit is evaluated automatically if required.

By default, the UserUnit is not set.

default

As an alternative to the specification of the `-setuu` parameter, you can set the `PDF_SET_USER_UNIT` environment variable.

alternative

You can display the UserUnit of a PDF file calling `pdfprae`:

→ [PDFTOOLS_TEC]

hint - output

The document, `original.pdf`, is stamped with the stamp template, `template.pdf`. The UserUnit is set to 2:

example

```
pdfstamp -f original.pdf -stp template.pdf -setuu 2.0
```

-startpagecount <integer> Start of the Page Numbering

purpose

With the `-startpagecount` parameter, you specify a number with which the page numbering in the `%PAGE%` variable is to be started.

type

This parameter is optional.

value

With `-startpagecount`, you specify the following value:

Value	Description
page	Page with which the page numbering in `%PAGE%` starts

default

Default is `1`, that means that the page numbering starts with 1.

example

Page numbers are stamped onto to the 34-page document, `original.pdf`. The page numbering is generated with the `t0` stamp text and the `%PAGE%` and `%PAGES%` variables. Because this document is to be output as document part, the page numbering is to start at page 17. Then, the page numbering is displayed as "Page 17 of 50", "Page 18 of 50", and so on:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
  -t0 "Page %PAGE% of %PAGES%" -startpagecount 17
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-totalpagecount <integer> Total Page Number	117

-sti <string> Mark a Stamp

purpose

With the `-sti` (sticky) parameter, you specify that the stamps get a mark. By means of this mark, you can delete the stamps with the `-d` parameter later on.

type

This parameter is optional.

value

With `-sti`, you specify the following value:

Value	Description
name	Text set as mark at the stamp

default

Unless you specify `-sti`, the stamps will not be marked. When specifying `-sti` without value, the stamps get the internal default mark.

examples

The document, `original.pdf`, is stamped. The stamps get the `stamp1` mark:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -sti stamp1
```

The document, `original.pdf`, is stamped. The stamps get the internal default mark:

```
pdfstamp -f original.pdf -stp default.stp -db default.db -sti
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-d <string> Delete a Stamp	90

-stp <string> Stamp Layout File or Stamp Template

purpose

With the `-stp` parameter, you specify a text file in which the layout of the stamps is configured or the stamp template.

type

The parameter is mandatory.

value

With `-stp`, you specify the following value:

Value	Description
file	Name of the text file containing the stamp configuration or name of the stamp template

default

There is no default.

file syntax

→ *Stamp Layout File (.stp)*, page 124

example

The document, `original.pdf`, is stamped. The layout of the stamps is configured in the stamp layout file, `stamp.stp`:

```
pdfstamp -f original.pdf -stp stamp.stp -db default.db
   -txt default.txt
```

-t <string> New Text for the Stamp Template

purpose

With the `-t` (text) parameter, you specify the text in the stamp template that is to replace the text specified with the `-k` parameter.

type

The parameter is mandatory when specifying the `-k` parameter.

value

With `-t`, you specify the following value:

Value	Description
text	Text to be replaced in the stamp template by another text; texts with blanks must be quoted with ".

default

There is no default.

example

The document, `original.pdf`, is stamped with the stamp template, `template.pdf`. The `USER` text is replaced by `John Smith`:

```
pdfstamp -f original.pdf -stp template.pdf
   -k USER -t "John Smith"
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-k <string> Text to Be Replaced in the Stamp Template	100

-t<n> <string> Stamp Text

purpose

With the `-tn` parameters, you specify the stamp texts.

type

For a text stamp, the stamp text must be specified using one of the available ways (`-hed`, `-txt`, `-tn`, `TX_TEXT`), otherwise the stamp will not be applied.

hint - priority

The texts specified with `-tn` take priority to the texts that are passed in the header with stamp texts and in the stamp text file.

value

With `-tn` you specify the following value:

Value	Description
text	Text of the stamp *n* with *n* from `0` to `99`

default

There is no default.

example

The document, `original.pdf`, is stamped. The stamp texts are passed with the `-t0`, `-t9` and `-t10` parameters:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -t0 "Released" -t9 "25.5.2013" -t10 "John Smith"
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-hed <string> Header with Stamp Texts	98
-txt <string> Stamp Text File	118

-totalpagecount <integer> Total Page Number

purpose

With the `-totalpagecount` parameter, you specify the total page number. The `%PAGES%` variable will be set to this value.

type

This parameter is optional.

value

With `-totalpagecount`, you specify the following value:

Value	Description
totalpage	Total page number of the document (`%PAGES%`)

default

Default is the actual page number of the document.

example

Page numbers are stamped onto to the document, `original.pdf`. The page numbering is generated with the `t0` stamp text and the `%PAGE%` and `%PAGES%` variables. Because this document is to be output as document part, the page numbering is to start at page 17 and 100 is to be displayed as total page number. Then, the page numbering is displayed as "Page 17 of 100", "Page 18 of 100", and so on:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -t0 "Page %PAGE% of %PAGES%" -startpagecount 17
   -totalpagecount 100
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-startpagecount <integer> Start of the Page Numbering	112

-txt <string> Stamp Text File

purpose

With the `-txt` parameter, you specify a text file containing the stamp texts.

type

For a text stamp, the stamp text must be specified using one of the available ways (`-hed`, `-txt`, `-tn`, `TX_TEXT`), otherwise the stamp will not be applied.

hint - priority

The texts specified with `-tn` take priority to the texts that are passed in the header with stamp texts and in the stamp text file.

value

With `-txt`, you specify the following value:

Value	Description
file	Name of the text file containing the stamp texts

default

There is no default.

file syntax

The stamp text file contains a line with the stamp text for each stamp.

example

The document, `original.pdf`, is stamped. The stamp texts are passed in the stamp text file, `stamps.txt`:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
  -txt stamps.txt
```

with `stamps.txt`:

```
Released
2013-12-03
John Smith
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-hed <string> Header with Stamp Texts	98
-t<n> <string> Stamp Text	116

-uselogicalpage Consider startpagecount

With the `-uselogicalpage` parameter, you specify that the starting page number specified with the `-startpagecount` parameter is taken into account when evaluating the pages to be stamped (`BO_PAGES_TO_STAMP`).

This parameter is optional.

type

With the `BO_PAGES_TO_STAMP` item in the stamp box configuration, you can specify the pages to be stamped.

pages to be stamped

→ *Stamp Layout File (.stp)*, page 124

By default, the actual page numbers of the document are taken when evaluating the pages to be stamped.

default

examples

The document, `original.pdf`, is stamped. The page numbering starts with `4`. This is taken into account, when evaluating the pages to be stamped:

```
pdfstamp -f original.pdf -stp default.stp -db default.db
   -txt default.txt -startpagecount 4
```

with `default.stp`:

```
...
BO_PAGES_TO_STAMP = 5
...
```

with `-uselogicalpage` results in:

- The second page of `original.pdf` will be stamped.

without `-uselogicalpage` (default) results in:

- The fifth page of `original.pdf` will be stamped.

There is a close connection to the following parameters:

related parameters

Related Parameter	Page
-startpagecount <integer> Start of the Page Numbering	119

-usepdfaswatermark Stamp As Watermark

purpose

With the `-usepdfaswatermark` parameter, you specify that the stamp template is to be stamped as watermark.

type

This parameter is optional.

default

By default, the stamp template is applied as stamp.

alternative

As an alternative to the specification of the `-usepdfaswatermark` parameter, you can set the `PDF_USE_PDF_AS_WATERMARK` environment variable.

example

The document, `original.pdf`, is stamped as watermark with the stamp template, `template.pdf`.

```
pdfstamp -f original.pdf -stp template.pdf -usepdfaswatermark
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-stp <string> Stamp Layout File or Stamp Template	114

-x <float> Width of the Stamp Template

purpose

With the `-x` parameter, you specify how wide the stamp template is to be generated.

type

This parameter is optional.

value

With `-x`, you specify the following value:

Value	Description
width	Width of the stamp template in meter

default

Default is DIN A4, that means `0.21`.

example

The stamp template, `template.pdf`, will be generated. The width of the stamp template is 4 cm and its height is 6 cm:

```
pdfstamp -o template.pdf -stp default.stp -db default.db
   -txt default.txt -x 0.04 -y 0.06
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-y <float> Height of the Stamp Template	122

-y <float> Height of the Stamp Template

purpose

With the `-y` parameter, you specify how high the stamp template is to be generated.

type

This parameter is optional.

value

With `-y`, you specify the following value:

Value	Description
height	Height of the stamp template in meter

default

Default is DIN A4, that means `0.297`.

example

The stamp template, `template.pdf`, will be generated. The width of the stamp template is 4 cm and its height is 6 cm:

```
pdfstamp -o template.pdf -stp default.stp -db default.db
  -txt default.txt -x 0.04 -y 0.06
```

related parameters

There is a close connection to the following parameters:

Related Parameter	Page
-x <float> Width of the Stamp Template	121

8 Configuration - Reference

This chapter describes the following configuration files and settings: in this chapter

Configuration File	Page
Stamp Layout File (.stp)	124
PDF Configuration File (.db)	140
Flagpage Configuration	146

8.1 Stamp Layout File (.stp)

purpose

In the stamp layout file, you configure the layout, the size and the color of the stamp texts and boxes.

PLOSSYS netdome

With PLOSSYS netdome, the stamp layout file is configured at the output queue or is passed together with the job files. As basis, you can use the generic stamp layout file, `%PLSPLT%\generic.stp`.

`pdfstamp`/`pdfstamphft`

With `pdfstamp`/`pdfstamphft`, a stamp layout file must be specified unless a stamp template is used for stamping.

parameter

When calling `pdfstamp`/`pdfstamphft`, specify the stamp layout file with the `-stp` parameter.

→ *-stp <string> Stamp Layout File or Stamp Template*, page 114

hint - template and examples

A template for the stamp layout file is contained in delivery of `pdfstamp`/`pdfstamphft`: `%PLSTOOLS%\convcfg\pdfstamp\default.cfg`. Many examples of the stamp configuration are found in `%PLSTOOLS%\convcfg\pdfstamp\muster.stp`.

sections

The stamp layout file contains the following items in the following sections:

Section	Page
Items Without Section	125
[STAMP_DEFINITION] Section	126
[text] Section	127
[box] Section	130
[SIZE_DEFINITIONS] Section	137

example

→ *Example of the Stamp Layout File*, page 138

Items Without Section

purpose

The items without section in the stamp layout file concern the format-dependent stamping.

items

The `[STAMP_DEFINITION]` section contains the following items:

Item	Description
`TOLERANCE` *`tolerance`*	Tolerance when the FitExact method is being used for evaluating the paper size for the format-dependent stamping Available values for *`tolerance`*: tolerance in meters Default: none
`FIT_EXACT` *`boolean`*	Method used for evaluating the paper size for the format-dependent stamping Available values for *`boolean`*: `NO`: The FirstFit method is used. `YES`: The FitExact method is used. Default: `NO`

[STAMP_DEFINITION] Section

purpose

In the `[STAMP_DEFINITION]` section, you configure the sections for the stamp texts and boxes and the general settings for all stamps.

items

The `[STAMP_DEFINITION]` section contains the following items:

Item	Description
`BOX_DEFINITIONS` *box0 box1* ...	Sections for the stamp boxes Available values for *boxn*: maximum 100 strings containing maximum 20 characters Default: none
`COLOR_DEFINITION_`*n* *red green blue*	RGB value of the color *n* Available values for *n*: *n* can be between `0` and `255` and is specified in the stamp texts in `TX_COLOR` and in stamp boxes in `BO_COLOR`. Available values for *red green blue*: three floats between `0.0` and `1.0` for the red, green and blue components of the color Default: none
`SCALE_STAMP` *boolean*	Are the stamped to be scaled with the document? `SCALE_STAMP` is used as default for `BO_SCALE_BOX`. Available values for *boolean*: `NO`: The stamps will not be scaled. `YES`: The stamps will be scaled. Default: `NO` **Caution** - `pdfstamp`/`pdfstamphft`: `SCALE_STAMP` is only evaluated by PLOSSYS netdome due to `pdfstamp`/`pdfstamphft` does not scale.
`TEXT_DEFINITIONS` *text0 text1* ...	Sections for the stamp texts Available values for *textn*: maximum 100 strings containing maximum 20 characters Default: none

[text] Section

purpose

In the `[text]` section, you configure the properties of the stamp texts with the name *`text`*.

items

The `[text]` section contains the following items:

Item	Description
`TX_ALIGNMENT_HOR` *`align`*	Horizontal alignment of the stamp text Available values for *`align`*: `CENTER`: centered `LEFT`: left-aligned `RIGHT`: right-aligned Default: `LEFT`
`TX_ALIGNMENT_VER` *`align`*	Vertical alignment of the stamp text Available values for *`align`*: `BASE`: base line `BOTTOM`: bottom line `CAP`: cap line `CENTER`: center line `TOP`: cap height Default: `BASE`
`TX_COLOR` *`color`*	Color of the stamp text Available values for *`color`*: integer between `0` and `255`; the colors are configured in `COLOR_DEFINITION_`*`n`*: → *[STAMP_DEFINITION] Section*, page 126 Default: `1`, that means Black
`TX_EXPANSION` *`width`*	Character width of the stamp text Available values for *`width`*: float as factor of the character width specified in the font Default: `1.0`

To be continued

[text] Section, Continuation

items, contd.

The `[text]` section contains the following items, continuation:

Item	Description
`TX_FONT` *font*	Font of the stamp text Available values for *font*: GKS font number Default: `-2` reference - GKS fonts: The GKS fonts and their numbers are described in [FONTS_USR].
`TX_LWSC` width	Line width of the stamp text Available values for *width*: float; the unit is meter. Default: `0.000254` hint - scaling: The line width will be scaled together with the stamp. **Caution** - render mode `FILL`: `TX_LWSC` does not have an effect for a font with the render mode `FILL` due to only the filling of a character will be displayed. → *Items of the PDF Configuration File*, page 141
`TX_OFFSETX` *offset*	Horizontal distance from the text beginning to the reference point of the stamp box Available values for *offset*: float; the unit is meter. Default: `0.0`
`TX_OFFSETY` *offset*	Vertical distance from the text beginning to the reference point of the stamp box Available values for *offset*: float; the unit is meter. Default: `0.0`

To be continued

[text] Section, Continuation

The `[text]` section contains the following items, continuation: items, contd.

Item	Description
`TX_PATH` *direction*	Writing direction of the stamp text Available values for *direction*: `DOWN`: top down `LEFT`: from the right to the left `RIGHT`: from the left to the right `UP`: bottom up Default: `RIGHT`
`TX_SIZE` *size*	Text size of the stamp text Available values for *size*: float; the unit is meter. Default: `0.005`
`TX_SPACING` *spacing*	Space between the characters that is to be inserted in addition to the default space of the font Available values for *spacing*: float; `1.0` means that the additional spacing corresponds to the height of a capital letter. Default: `0.0`
`TX_TEXT` *text*	Default stamp text unless it is specified explicitly Available values for *text*: string containing maximum 256 characters Default: none

[box] Section

purpose

In the `[box]` section, you configure the properties of the stamp box with the name *box*.

BOX_DEFINITIONS

The name *box* of the stamp box must be specified in the `BOX_DEFINITIONS` item in the `[STAMP_DEFINITION]` section.

→ *[STAMP_DEFINITION] Section*, page 126

items

The `[box]` section contains the following items:

Item	Description
`BO_ALIGNMENT_HOR` *align*	Horizontal alignment of the stamp box Available values for *align*: `CENTER`: centered `LEFT`: left-aligned `RIGHT`: right-aligned Default: `LEFT`
`BO_ALIGNMENT_VER` *align*	Vertical alignment of the stamp box Available values for *align*: `BOTTOM`: at the bottom `CENTER`: centered `TOP`: at the top Default: `TOP`
`BO_ANGLE` *angle*	Angle by which the stamp box is rotated; the reference point for the rotation is the reference point of the stamp which is used for aligning the stamp text. Available values for *angle*: floats; positive values result in a counter-clockwise rotation. Default: `0`

To be continued

[box] Section, Continuation

The `[box]` section contains the following items, continuation: items, contd.

Item	Description
`BO_BACKGROUND background`	Background of the stamp box Available values for *background*: `BLANKED`: The graphic elements of the stamp have a white border within which the document is covered completely. In the other part of the stamp, the document shows through. `OPAQUE`: The complete stamp including its border covers the document. `TRANSPARENT`: The document shows through the stamp background. The stamp foreground, that means the stamp text for example, does not show through. Default: `TRANSPARENT`
`BO_BORDER boolean`	Is a frame to be displayed around the stamp box? Available values for *boolean*: `NO`: No frame will be displayed. `YES`: A frame will be displayed. Default: `YES`
`BO_COLOR color`	Color of the frame around the stamp box Available values for *color*: integer between `0` and `255`; the colors are configured in `COLOR_DEFINITION_n`: → *[STAMP_DEFINITION] Section*, page 126 Default: `1`, that means Black
`BO_CONTENTS text0 text1 ...`	Sections of the stamp texts belonging to the stamp box Available values for *textn*: maximum 100 strings containing maximum 20 characters Default: none

To be continued

[box] Section, Continuation

items, contd. The `[box]` section contains the following items, continuation:

Item	Description
`BO_CREATION` *method*	Method how the stamp is applied onto the document Available values for *method*: `GRAY_STAMP`: The stamp will be output in Gray onto the document. The brightness of the gray stamp is set by the specified brightness of the text color (see `TX_COLOR`). `STAMP`: The stamp will be applied onto the document. `WATERMARK`: The stamp will be applied as watermark behind the document. Watermarks have the same color as stamps. They only differ in their time of creation. Default: `STAMP` hint - gray stamp: The layout of the gray stamp will be specified further with the `-graystamp` parameter when calling `pdfstamp`/`pdfstamphft` and by the environment variable `PDF_GRAYSTAMP`.
`BO_DISTANCEX` *distance*	Horizontal distance to the position configured by `BO_ALIGNMENT_HOR`, `BO_ALIGNMENT_VER` and `BO_ROTATE` Available values for *distance*: float; the unit is meter. Default: `0.0`
`BO_DISTANCEY` distance	Vertical distance to the position configured by `BO_ALIGNMENT_HOR`, `BO_ALIGNMENT_VER` and `BO_ROTATE` Available values for *distance*: float; the unit is meter. Default: `0.0`

To be continued

[box] Section, Continuation

The `[box]` section contains the following items, continuation: items, contd.

Item	Description
`BO_FRAME` *file*	Name of the graphic file that is applied onto the document as graphic stamp Available values for *file*: file name; the graphic file must be available in the directory of the stamp layout file `*`: The graphic file will be passed together with the output job files (PLOSSYS netdome only). → *Pass a Graphic File With a Job*, page 59 Default: none
`BO_HEIGHT` *height*	height of the graphic stamp Available values for *height*: float; the unit is meter. Default: `0.03`
`BO_LWSC` *width*	Line width of the frame around the stamp box Available values for *width*: float; the unit is meter. Default: `0.000254`
`BO_MAXIMIZE` *boolean*	Is the stamp box to be enlarged so that the stamp reaches the document border at one side at least? Available values for *boolean*: `NO`: The stamp box will not be enlarged. `YES`: The stamp box will be enlarged. Default: `NO`
`BO_OFFSETX` *offset*	Horizontal distance of the frame to the stamp box Available values for *offset*: float; the unit is meter. Default: 0.0
`BO_OFFSETY` *offset*	Vertical distance of the frame to the stamp box Available values for *offset*: float; the unit is meter. Default: 0.0

To be continued

[box] Section, Continuation

items, contd.

The `[box]` section contains the following items, continuation:

Item	Description
`BO_ON_SCALEFACTOR` *min max*	Scaling factor of the stamp box; the stamp box will only be displayed if the scaling factor of the document is within the specified range. Available values for *min* and *max*: float; the unit is meter. Default: `0.0 1.0` **Caution** - `pdfstamp`/`pdfstamphft`: When stamping with `pdfstamp`/`pdfstamphft`, you have to specified an range that includes `1.0` due to `pdfstamp`/`pdfstamphft` does not scale.
`BO_ORIGIN` *origin*	Reference point of the stamp box Available values for *origin*: `VISIBLE_AREA`: The reference point of the stamp box will be moved to the printable area that means the stamp always appears at the same position of the paper. Default: `BO_ORIGIN` is deactivated that means that the reference point of the stamp box corresponds to the document borders and the stamp always appears at the same position of the document.
`BO_PAGES_TO_STAMP` *page*	pages to be stamped Available values for *page*: `0`: All pages are stamped. `EVEN`: The even pages are stamped. `FIRST`: The first page is stamped. `LAST`: The last page is stamped. `ODD`: The odd pages are stamped. Default: `0`
`BO_REP_X` *min max*	Repetition vector in horizontal direction Available values for *min* and *max*: float; the unit is meter. Default: `0.0 0.0`

To be continued

[box] Section, Continuation

The `[box]` section contains the following items, continuation: items, contd.

Item	Description
`BO_REP_Y` *min max*	Repetition vector in vertical direction Available values for *min* and *max*: float; the unit is meter. Default: `0.0 0.0`
`BO_ROTATE` *rot*	Is the stamp box to be rotated with the document? Available values for *rot*: `NOT_ROTATE`: The stamp box will not be rotated. `ROTATE`: The stamp box will be rotated. Default: `ROTATE` **Caution** - `pdfstamp`/`pdfstamphft`: `BO_ROTATE` is not supported by `pdfstamp`/`pdfstamphft`.
`BO_SCALE_BOX` *boolean*	Is the stamp box to be scaled with the document? Available values for *boolean*: `NO`: The stamp box will not be scaled. `YES`: The stamp box will be scaled. Default: Setting of `SCALE_STAMP` → *[STAMP_DEFINITION] Section*, page 126 **Caution** - `pdfstamp`/`pdfstamphft`: `BO_SCALE_BOX` is not supported by `pdfstamp`/`pdfstamphft`.
`BO_TXT_WIDTH_MIN` *width*	Minimum width of the stamp box Available values for *width*: float; the unit is meter. Default: The stamp box has the same width as the text contained in it.

To be continued

[box] Section, Continuation

items, contd.

The `[box]` section contains the following items, continuation:

Item	Description
`BO_WIDTH` *`width`*	width of the graphic stamp Available values for *`width`*: float; the unit is meter. Default: The graphic is displayed in the original size. 72 dpi is used as default resolution.

[SIZE_DEFINITIONS] Section

purpose

In the optional `[SIZE_DEFINITIONS]` section, you configure the formats valid for the format-specific stamp configurations.

items

The `[SIZE_DEFINITIONS]` section contains the following items:

Item	Description
format width height	Format with width and height Available values for *format*: any string; is used a prefix for the format-specific sections. Available values for *width* and *height*: float; the unit is meter. Default: none If the paper size of a document corresponds to one of the formats using the specified comparison method (`FIT_EXACT`) and the specified tolerance (`TOLERANCE`), the stamp settings are taken from the format-specific section: [*format*\STAMP_DEFINITION] [*format**text*] [*format**box*] Otherwise, the defaults from the sections without *format* are used.

example

`[SIZE_DEFINITIONS]` section in the stamp layout file:

```
[SIZE_DEFINITIONS]
  DINA4_P 0.210 0.297
  DINA4_L 0.297 0.210
  DINA3_P 0.297 0.420
  DINA3_L 0.420 0.297
  ...
[DINA4_P\STAMP_DEFINITION]
  ...
[DINA4_P\Text_0]
  ...
[DINA4_P\Box_0]
  ...
[DINA4_L\STAMP_DEFINITION]
  ...
[DINA4_L\Text_0]
  ...
[DINA4_L\Box_0]
  ...
```

Example of the Stamp Layout File

example

```
# ============================================================
# ------------ Stamp Definition Section ----------------------
# ============================================================

[STAMP_DEFINITION]
   TEXT_DEFINITIONS      Text_0 Text_1
   BOX_DEFINITIONS       Box_0 Box_1 Box_2 Box_3
   COLOR_DEFINITION_2    1.0 0.5 0.0
   COLOR_DEFINITION_3    0.0 0.5 1.0
   SCALE_STAMP           YES
# ============================================================
# ------------ Text Sections ---------------------------------
# ============================================================
[Text_0]
   TX_SIZE           0.004
   TX_COLOR          1
   TX_FONT           -2
   TX_LWSC           0.0004
   TX_OFFSETX        0.0
   TX_OFFSETY        0.0075
   TX_SPACING        0.0
   TX_EXPANSION      2.0
   TX_ALIGNMENT_HOR  CENTER
   TX_ALIGNMENT_VER  BASE
   TX_PATH           RIGHT

[Text_1]
   TX_SIZE           0.007
   TX_COLOR          1
   TX_FONT           -10001
   TX_LWSC           0.0002
   TX_OFFSETX        0.0
   TX_OFFSETY        0.0000
   TX_SPACING        0.0
   TX_EXPANSION      2.0
   TX_ALIGNMENT_HOR  CENTER
   TX_ALIGNMENT_VER  BASE
   TX_PATH           RIGHT
# ============================================================
# -------------- Box Definition Section ----------------------
# ============================================================
[Box_0]
   BO_CONTENTS       Text_0
   BO_ALIGNMENT_HOR  LEFT
   BO_ALIGNMENT_VER  BOTTOM
   BO_ROTATE         ROTATE
   BO_ANGLE          10.0
   BO_DISTANCEX      0.02
   BO_DISTANCEY      0.00
   BO_OFFSETX        0.002
   BO_OFFSETY        0.002
   BO_BORDER         Y
   BO_COLOR          1
   BO_LWSC           0.001
   BO_BACKGROUND     TRANSPARENT
   BO_CREATION       STAMP
   BO_REP_X          0.000000 0.000000
   BO_REP_Y          0.000000 0.000000
   BO_MAXIMIZE       NO
   BO_ON_SCALEFACTOR 0.0 99.9
```

To be continued

Example of the Stamp Layout File, Continuation

example, continuation

```
[Box_1]
   BO_CONTENTS        Text_1
   BO_ALIGNMENT_HOR   CENTER
   BO_ALIGNMENT_VER   TOP
   BO_ROTATE          ROTATE
   BO_ANGLE           0.0
   BO_DISTANCEX       0.00
   BO_DISTANCEY       0.005
   BO_OFFSETX         0.002
   BO_OFFSETY         0.001
   BO_BORDER          Y
   BO_COLOR           2
   BO_LWSC            0.0002
   BO_BACKGROUND      OPAQUE
   BO_CREATION        STAMP
   BO_REP_X           0.000000 0.000000
   BO_REP_Y           0.000000 0.000000
   BO_MAXIMIZE        NO
   BO_ON_SCALEFACTOR 0.0 99.9

[Box_2]
   BO_ALIGNMENT_HOR   LEFT
   BO_ALIGNMENT_VER   CENTER
   BO_ROTATE          ROTATE
   BO_ANGLE           0.0
   BO_DISTANCEX       0.05
   BO_DISTANCEY       0.00
   BO_OFFSETX         0.002
   BO_OFFSETY         0.002
   BO_BORDER          Y
   BO_COLOR           1
   BO_LWSC            0.0002
   BO_BACKGROUND      TRANSPARENT
   BO_CREATION        STAMP
   BO_REP_X           0.000000 0.000000
   BO_REP_Y           0.000000 0.000000
   BO_MAXIMIZE        N
   BO_ON_SCALEFACTOR 0.0 99.9
   BO_FRAME           seallogo.met
   BO_WIDTH           0.06
   BO_HEIGHT          0.06

[Box_3]
   BO_ALIGNMENT_HOR   RIGHT
   BO_ALIGNMENT_VER   BOTTOM
   BO_ROTATE          ROTATE
   BO_ANGLE           30
   BO_DISTANCEX       0.00
   BO_DISTANCEY       0.07
   BO_OFFSETX         0.002
   BO_OFFSETY         0.002
   BO_BORDER          N
   BO_COLOR           1
   BO_LWSC            0.0002
   BO_BACKGROUND      TRANSPARENT
   BO_CREATION        WATERMARK
   BO_REP_X           0.10 0.05
   BO_REP_Y           0.06 0.12
   BO_MAXIMIZE        N
   BO_ON_SCALEFACTOR 0.0 99.9
   BO_FRAME           seallogo.met
   BO_WIDTH           0.06
   BO_HEIGHT          0.06
```

8.2 PDF Configuration File (.db)

purpose

In the PDF configuration file, you configure the settings for the PDF generation.

PLOSSYS netdome

With PLOSSYS netdome, the PDF configuration file is configured at the output queue.

`pdfstamp`/`pdfstamphft`

With `pdfstamp`/`pdfstamphft`, the PDF configuration file must be specified.

parameter

The PDF configuration file is specified with the `-db` parameter when calling `pdfstamp`/`pdfstamphft`.

→ *-db <string> PDF Configuration File*, page 91

items

→ *Items of the PDF Configuration File*, page 141

example

→ *Example of the PDF Configuration File*, page 145

Items of the PDF Configuration File

The PDF configuration file contains the following items: items

Item	Description
`PDF.Author: author`	Entry for the document property `Author` in the PDF file Available values for *`author`*: any string Default: none
`PDF.colour:` *`n red green blue name`*	Color definition Available values for *`n`*: *`n`* can be between `0` and `16` and is specified in the stamp texts in `TX_COLOR` and in stamp boxes in `BO_COLOR`. Available values for *`red green blue`*: three floats between `0.0` and `1.0` for the red, green and blue components of the color Available values for *`name`*: any string as color name Default: Color table from `default.db`
`PDF.color_available:` *`boolean`*	How are the colors to be displayed in the PDF file? Available values for *`boolean`*: `NO`: The colors are displayed as grayscale. `YES`: The colors are displayed as colors. Default: `YES`
`PDF.compression:` *`boolean`*	Is the FlatDecode compression method to be used? Available values for *`boolean`*: `NO`: The file will not be compressed. `YES`: The file will be compressed using Flat-Decode. Default: `NO`

To be continued

Items of the PDF Configuration File, Continuation

items, contd.

The PDF configuration file contains the following items, continuation:

Item	Description
`PDF.Creator: creator`	Entry for the document property `Creator` in the PDF file Available values for *`creator`*: any string Default: none
`PDF.font:` *`nr name render object`*	Font definition Available values for *`nr`*: integer; will be specified in `TX_FONT` for the stamp texts. Available values for *`name`*: any string for the font name Available values for *`render`*: `FILL`: The filling of the characters is displayed. `FILLSTROKE`: The filling and the line of the characters are displayed. `INVISIBLE`: The characters are invisible. `STROKE`: The line of the characters is displayed. Available values for *`object`*: Name of the font file Default: none hint - directory: The fonts must be available in the `SEAL-FONTS\pdo` directory.

To be continued

Items of the PDF Configuration File, Continuation

The PDF configuration file contains the following items, continuation: items, contd.

Item	Description
`PDF.gray_available: boolean`	How are the grayscales to be displayed in the PDF file Available values for *boolean*: `NO`: The grayscales are displayed in Black and White. `YES`: The grayscales are displayed as grayscales. Default: `YES` hint - `PDF.color_available`: `PDF.color_available` takes priority that means `PDF.gray_available`will only be evaluated if `PDF.color_available: NO` has been set.
`PDF.Keywords: keywords`	Entry for the document property `Keywords` in the PDF file Available values for *keywords*: any string Default: none
`PDF.precision: prec`	Number of decimal places used in coordinates Available values for *prec*: integer Default: `0`
`PDF.Producer: producer`	Entry for the document property `Producer` in the PDF file Available values for *producer*: any string Default: none
`PDF.resolution: res`	Resolution of the internal coordinates Available values for *res*: integer Default: `600`

To be continued

Items of the PDF Configuration File, Continuation

items, contd. The PDF configuration file contains the following items, continuation:

Item	Description
`PDF.Subject: subject`	Entry for the document property `Subject` in the PDF file Available values for *`subject`*: any string Default: none
`PDF.Titel: title`	Entry for the document property `Title` in the PDF file Available values for *`title`*: any string Default: none
`PDF.type: version`	Is the PDF file to be generated conform to PDF/A? Available values for *`version`*: `PDFA`: The file will be generated conform to PDF/A 1b. `PDF`: The file will be generated as "normal" PDF file. Default: `PDF`
`PDF.Version: version`	The PDF file is to be generated in which PDF version? Available values for *`version`*: `1.`*`n`*: The file will be generated in PDF 1.*n*. Default: `1.4`

Example of the PDF Configuration File

example

```
#-------------------------------------------------------------
PDF.Version:      1.4
#-------------------------------------------------------------
PDF.precision: 0
PDF.resolution: 600
PDF.compression: Yes
#-------------------------------------------------------------
PDF.colour_available: YES
#-------------------------------------------------------------
PDF.colour:  0 1.0      1.0      1.0      white
PDF.colour:  1 0.0      0.0      0.0      black
PDF.colour:  2 1.0      0.0      0.0      red
PDF.colour:  3 0.0      1.0      0.0      green
PDF.colour:  4 0.0      0.0      1.0      blue
PDF.colour:  5 0.0      1.0      1.0      cyan
PDF.colour:  6 1.0      0.0      1.0      magenta
PDF.colour:  7 1.0      1.0      0.0      yellow
PDF.colour:  8 0.33     0.33     0.33     dark grey
PDF.colour:  9 0.66     0.66     0.66     light grey
PDF.colour: 10 1.00     0.5      0.0      orange
PDF.colour: 11 0.0      1.0      0.5      turquoise
PDF.colour: 12 0.5      0.0      1.0      purple
PDF.colour: 13 0.0      0.5      1.0      light blue
PDF.colour: 14 1.0      0.0      0.5      wine red
PDF.colour: 15 0.5      1.0      0.0      grass green
#-------------------------------------------------------------
PDF.font:  -1001 Helvetica FILL   helvetica.pdo
PDF.font:  -1002 Courier FILL   courier.pdo
PDF.font:  -1003 Times-Roman FILL   times.pdo
PDF.font:  -1004 Symbol FILL   symbol.pdo
PDF.font:  -1005 Helvetica-Bold FILL   helvetica_bold.pdo
PDF.font:  -1006 Helvetica-BoldOblique FILL helveti-
ca_boldobli-que.pdo
PDF.font:  -1007 Helvetica-Oblique FILL helvetica_oblique.pdo
PDF.font:  -1008 Courier-Bold FILL courier_bold.pdo
PDF.font: -1009 Courier-BoldOblique FILL courier_boldoblique.pdo
PDF.font:  -1010 Courier-Oblique FILL courier_oblique.pdo
PDF.font:  -1011 Times-Bold FILL times.pdo
PDF.font:  -1012 Times-BoldItalic FILL times_bolditalic.pdo
PDF.font:  -1013 Times-Italic FILL times_italic.pdo
PDF.font:  -2001 Helvetica STROKE helvetica.pdo
PDF.font:  -2002 Courier STROKE courier.pdo
PDF.font:  -3001 Helvetica FILLSTROKE helvetica.pdo
PDF.font:  -3002 Courier FILLSTROKE courier.pdo
PDF.font:  -4001 Helvetica INVISIBLE helvetica.pdo
PDF.font:  -4002 Courier INVISIBLE courier.pdo
#-------------------------------------------------------------
PDF.Title:    "PDF Document"
PDF.Author:   "SEAL Systems"
PDF.Creator:  "pdftools"
PDF.Producer: "pdfstamp"
PDF.Subject:  "PDF document created by pdfstamp"
PDF.Keywords: " "
```

8.3 Flagpage Configuration

purpose

With the flagpage configuration settings, you configure the position and the layout of the flagpage.

PLOSSYS netdome

With PLOSSYS netdome, you specify the settings for the flagpage in the `plossys.cfg` configuration file.

`pdfstamp`/`pdfstamphft`

With `pdfstamp`/`pdfstamphft`, you specify the settings for the flagpage in a flagpage configuration file.

parameter

The flagpage configuration file is specified with the `-fp` parameter when calling `pdfstamp`/`pdfstamphft`.

→ *-fp <string> Flagpage Configuration File*, page 94

items

→ *Flagpage Configuration Settings*, page 147

example

→ *Example of the Flagpage Configuration Settings*, page 151

Flagpage Configuration Settings

The following flagpage configuration settings are available: settings

Item	Description
FP_ALIGNMENT *align*	Horizontal alignment of the flagpage; in addition to FP_SIDE, the flagpage can be positioned at every document corner this way. Available values for *align*: CENTER: centered LEFT: left-aligned RIGHT: right-aligned Default: CENTER
FP_CLEARBG *boolean*	Is the background of the flagpage to be cleared? Available values for *boolean*: NO: The background will not be cleared. YES: The background will be cleared. Default: NO
FP_COLOR color	Color of the flagpage text Available values for *color*: integer between 0 and 255; the colors are configured in COLOR_DEFINITION_*n* in the stamp layout file: → *[STAMP_DEFINITION] Section*, page 126 Default: 1, that means Black
FP_DISTANCEX *distance*	Horizontal distance to the document border Available values for *distance*: float; the unit is meter. Default: 0.0
FP_DISTANCEY *distance*	Vertical distance to the document border Available values for *distance*: float; the unit is meter. Default: 0.0

To be continued

Flagpage Configuration Settings, Continuation

settings, continuation

The following flagpage configuration settings are available, contd.:

Item	Description
FP_FONT *font*	Font of the flagpage text Available values for *font*: GKS font number Default: -2 reference - GKS fonts: The GKS fonts and their numbers are described in [FONTS_USR].
FP_GENERATE *generate*	When is the flagpage to be created? Available values for *generate*: ALLOWED: The flagpage will be generated dependent on the header item. EVER: The flagpage will always be generated independent of the header item. NEVER: The flagpage will never be generated independent of the header item. Default: ALLOWED **Caution** - pdfstamp/pdfstamphft: FP_GENERATE is not supported by pdfstamp/pdfstamphft.
FP_LINEWIDTH *width*	Line width of the stamp text Available values for *width*: float; the unit is meter. Default: 0.0003
FP_POSITION *position*	Position of the flagpage refering to the document border Available values for *position*: INSIDE: The flagpage will be applied inside the document border. OPTIONAL_OUTSIDE: The flagpage will be applied outside the document if this is possible without scaling the document, otherwise, it will be applied inside. OUTSIDE: The flagpage will be applied outside the document border. If required, the document is scaled or clipped dependent on the scaling type. Default: OUTSIDE

To be continued

Flagpage Configuration Settings, Continuation

The following flagpage configuration settings are available, contd.:

settings, continuation

Item	Description
FP_ROTATE rot	Is the flagpage to be rotated with the document? Available values for *rot*: NOT_ROTATE: The flagpage will not be rotated. ROTATE: The flagpage will be rotated. Default: ROTATE **Caution** - pdfstamp/pdfstamphft: FP_ROTATE is not supported by pdfstamp/pdfstamphft.
FP_SIDE *side*	Document border where the flagpage is output; in addition to FP_ALIGNMENT, the flagpage can be positioned at every document corner this way. Available values for *side*: BOTTOM: document border at the bottom LEFT: document border at the left RIGHT: document border at the right TOP: document border at the top Default: BOTTOM
FP_SPACING *spacing*	Character spacing of the flagpage text Available values for *spacing*: float; 1.0 means that the additional spacing corresponds to the height of a capital letter. Default: 0.0
FP_TEXTSIZE *size*	Text size of the flagpage Available values for *size*: float; the unit is meter. Default: 0.003

To be continued

Flagpage Configuration Settings, Continuation

settings, continuation

The following flagpage configuration settings are available, contd.:

Item	Description
`FP_UPVECTOR` *`orientation`*	Orientation of the flagpage Available values for *`orientation`*: `OUT`: The flagpage can be read when looking from outside to the document center. `NONE`: The flagpage at the left or the right border can be read from the right, the flagpage at the top or the bottom border, can be read from the bottom. `OUT`: The flagpage can be read when looking from the document center outwards. Default: `IN` **Caution** - `pdfstamp`/`pdfstamphft`: `FP_UPVECTOR` is not supported by `pdfstamp`/`pdfstamphft`.

Example of the Flagpage Configuration Settings

example

```
FP_POSITION           OUTSIDE
FP_SIDE               RIGHT
FP_ALIGNMENT          CENTER
FP_COLOR              2
FP_DISTANCEX          0.001
FP_DISTANCEY          0.001
FP_FONT               -855
FP_LINEWIDTH          0.0005
FP_SPACING            0.000
FP_TEXTSIZE           0.003
FP_CLEARBG            N
```

Appendix A Examples of the Stamp Layout File

in this chapter

This chapter deals with the following topics:

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Colored Graphic Stamp Top Left

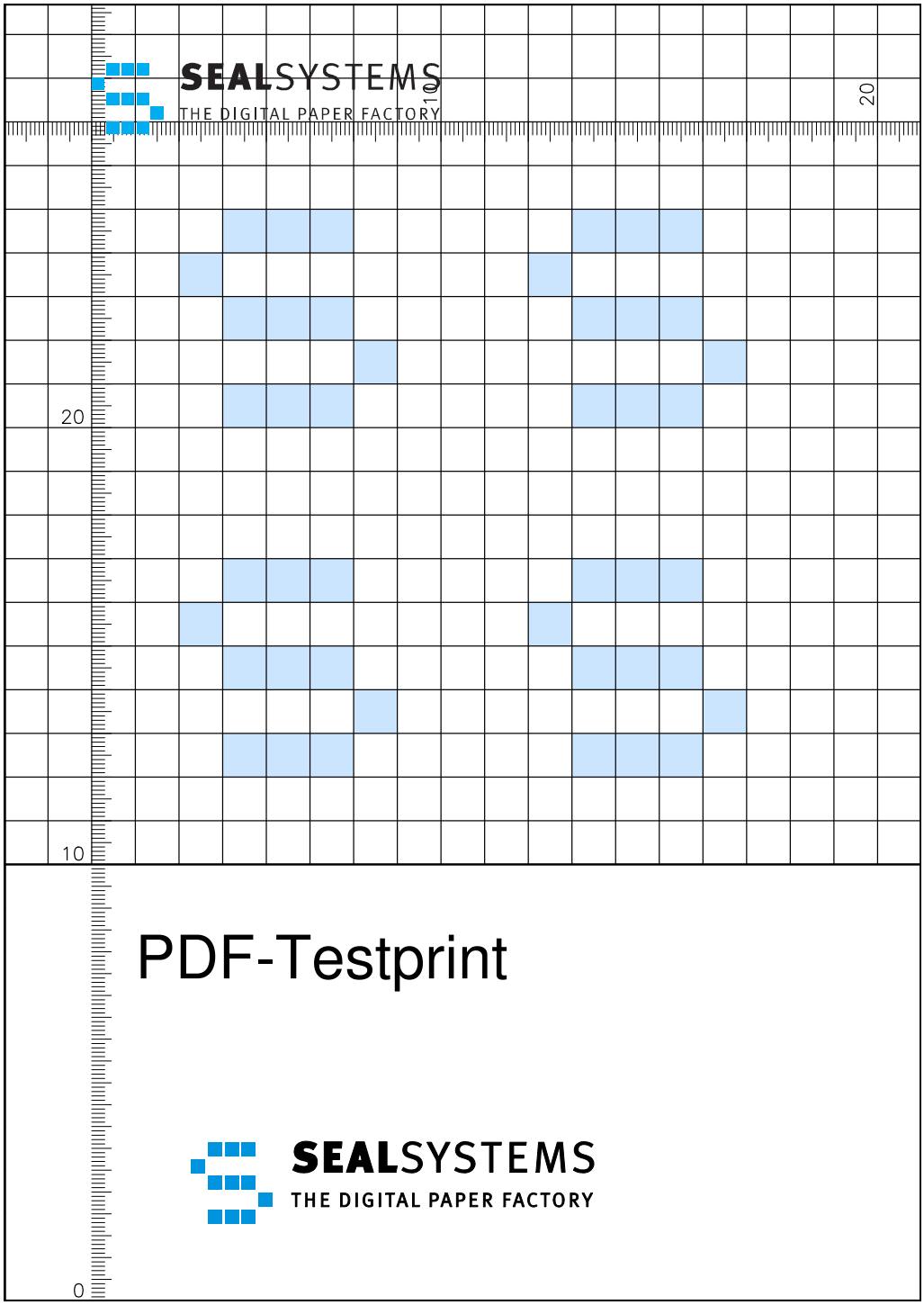
Extract of the stamp layout file: stamp layout file

```
[STAMP_DEFINITION]
   TEXT_DEFINITIONS      Text_5
   BOX_DEFINITIONS       Box_0
   COLOR_DEFINITION_2    1.0 0.5 0.0
   COLOR_DEFINITION_3    0.0 0.5 1.0
   SCALE_STAMP           NO
[Box_0]
   BO_ALIGNMENT_HOR      LEFT
   BO_ALIGNMENT_VER      TOP
   BO_ROTATE             ROTATE
   BO_ANGLE              0.0
   BO_DISTANCEX          0.020
   BO_DISTANCEY          0.030
   BO_OFFSETX            0.000
   BO_OFFSETY            0.000
   BO_BORDER             Y
   BO_COLOR              1
   BO_LWSC               0.001
   BO_BACKGROUND         TRANSPARENT
   BO_CREATION           STAMP
   BO_FRAME              seal_logo.met
   BO_WIDTH              0.08
   BO_HEIGHT             0.02
```

To be continued

Colored Graphic Stamp Top Left, Continuation

result



Red Text Stamp Across the Document

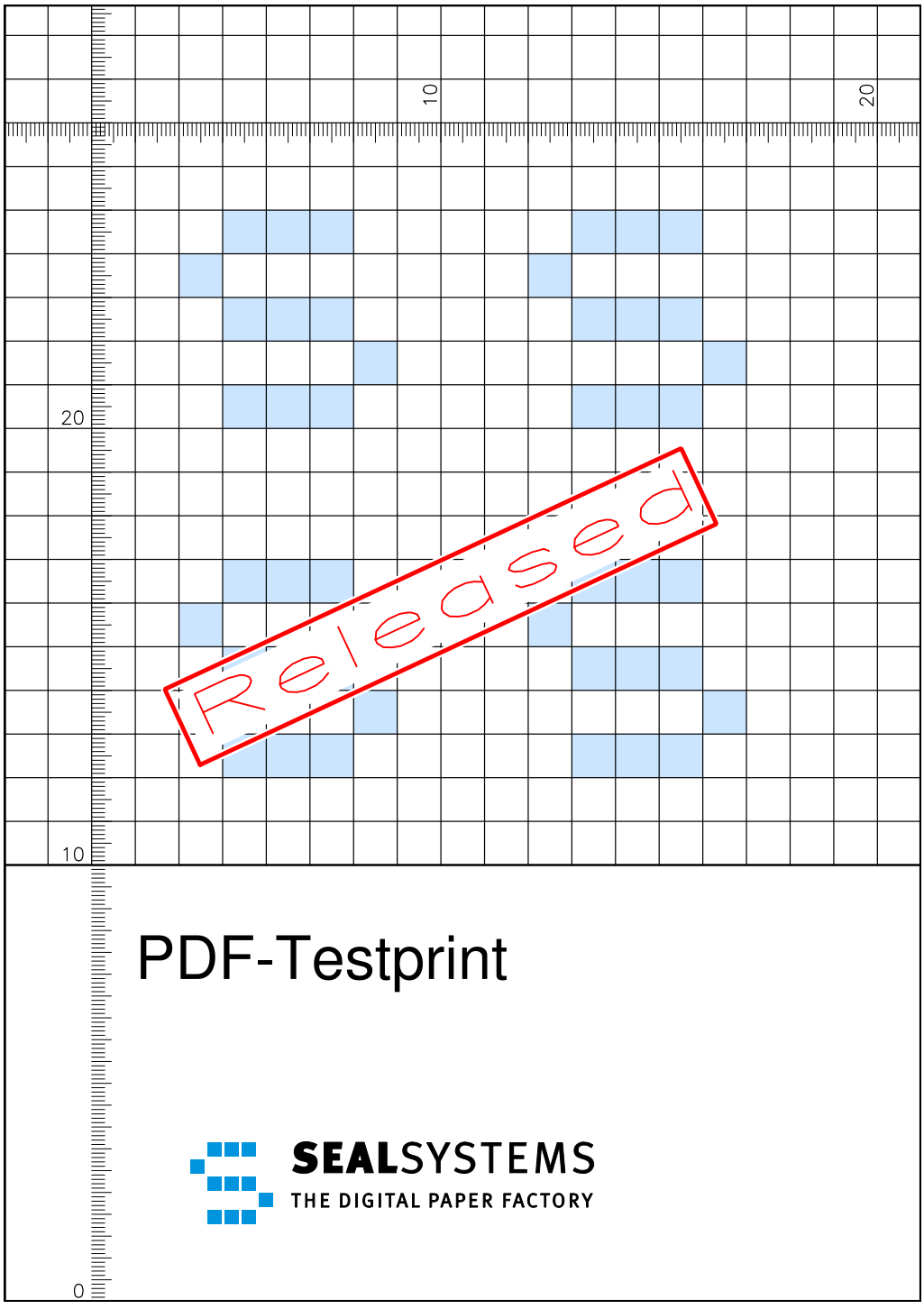
Extract of the stamp layout file: stamp layout file

```
[STAMP_DEFINITION]
   TEXT_DEFINITIONS      Text_0
   BOX_DEFINITIONS       Box_2
   COLOR_DEFINITION_2    1.0 0.0 0.0
   SCALE_STAMP           YES
[Text_0]
   TX_SIZE               0.010
   TX_COLOR              2
   TX_FONT               -401
   TX_LWSC               0.0004
   TX_OFFSETX            0.0
   TX_OFFSETY            0.0075
   TX_SPACING            0.0
   TX_EXPANSION          2.0
   TX_ALIGNMENT_HOR      CENTER
   TX_ALIGNMENT_VER      BASE
   TX_PATH               RIGHT
[Box_2]
   BO_CONTENTS           Text_0
   BO_ALIGNMENT_HOR      CENTER
   BO_ALIGNMENT_VER      CENTER
   BO_ROTATE             ROTATE
   BO_ANGLE              25.0
   BO_DISTANCEX          0.000
   BO_DISTANCEY          0.000
   BO_OFFSETX            0.002
   BO_OFFSETY            0.002
   BO_BORDER             Y
   BO_COLOR              2
   BO_LWSC               0.001
   BO_BACKGROUND         BLANKED
   BO_CREATION           STAMP
```

To be continued

Red Text Stamp Across the Document, Continuation

result



Transparent, Two-Line Text Stamp Bottom Right

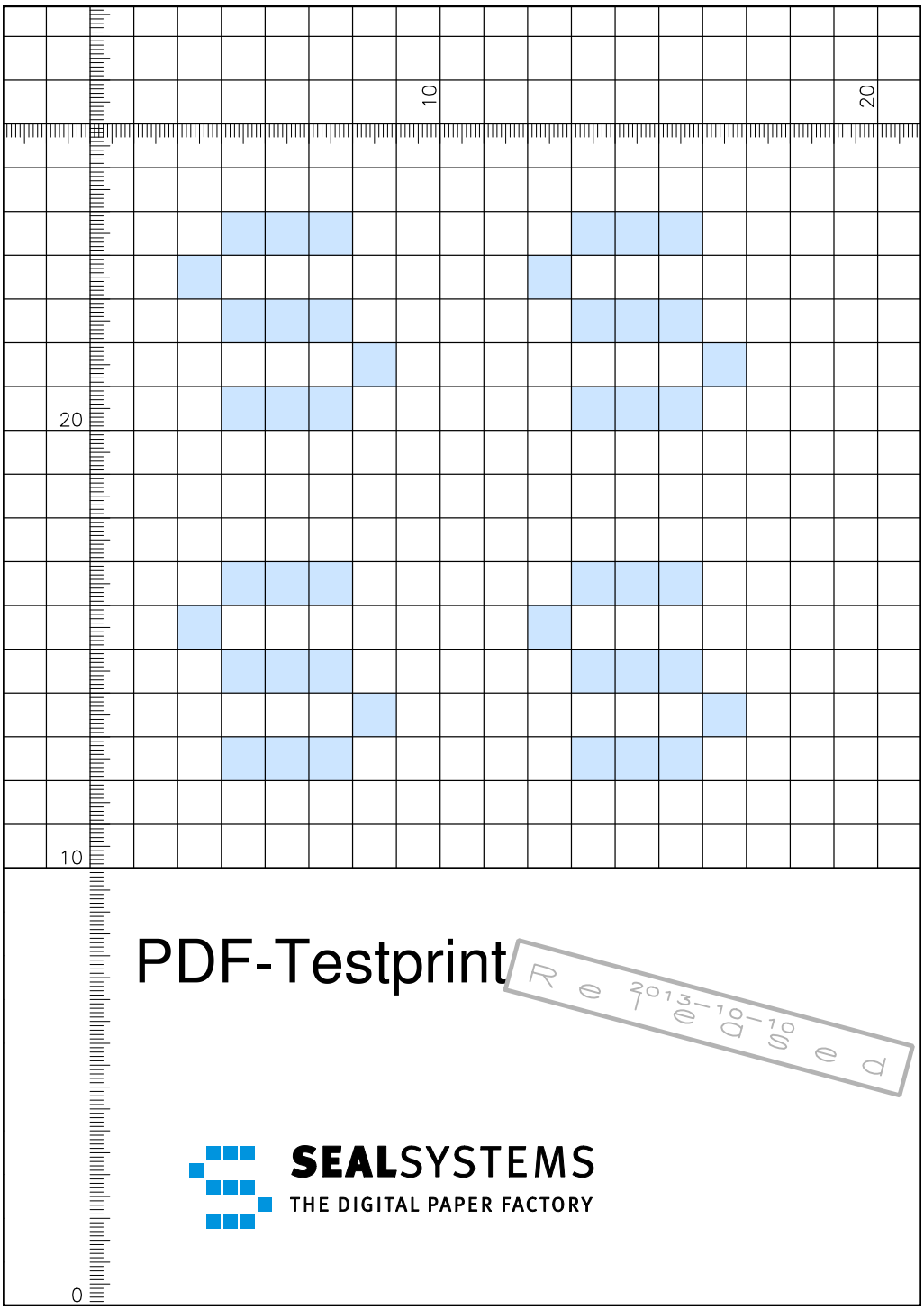
Extract of the stamp layout file: stamp layout file

```
[STAMP_DEFINITION]
   TEXT_DEFINITIONS      Text_1 Text_2
   BOX_DEFINITIONS       Box_1
   COLOR_DEFINITION_2    1.0 0.0 0.0
   COLOR_DEFINITION_3    0.7 0.7 0.7
   SCALE_STAMP           YES
[Text_1]
   TX_SIZE               0.004
   TX_COLOR              3
   TX_FONT               -501
   TX_LWSC               0.0004
   TX_OFFSETX            0.0
   TX_OFFSETY            0.0075
   TX_SPACING            0.0
   TX_EXPANSION          2.0
   TX_ALIGNMENT_HOR      CENTER
   TX_ALIGNMENT_VER      TOP
   TX_PATH               RIGHT
[Text_2]
   TX_SIZE               0.002
   TX_COLOR              3
   TX_FONT               -401
   TX_LWSC               0.0004
   TX_OFFSETX            0.0
   TX_OFFSETY            0.0075
   TX_SPACING            0.0
   TX_EXPANSION          2.0
   TX_ALIGNMENT_HOR      CENTER
   TX_ALIGNMENT_VER      BASE
   TX_PATH               RIGHT
[Box_1]
   BO_CONTENTS           Text_1 Text_2
   BO_ALIGNMENT_HOR      RIGHT
   BO_ALIGNMENT_VER      BOTTOM
   BO_ROTATE             ROTATE
   BO_ANGLE              -15.0
   BO_DISTANCEX          0.05
   BO_DISTANCEY          0.06
   BO_OFFSETX            0.002
   BO_OFFSETY            0.002
   BO_BORDER             Y
   BO_COLOR              3
   BO_LWSC               0.001
   BO_BACKGROUND         TRANSPARENT
   BO_CREATION           STAMP
```

To be continued

Transparent, Two-Line Text Stamp Bottom Right, Continuation

result



Gray Text Stamp Center

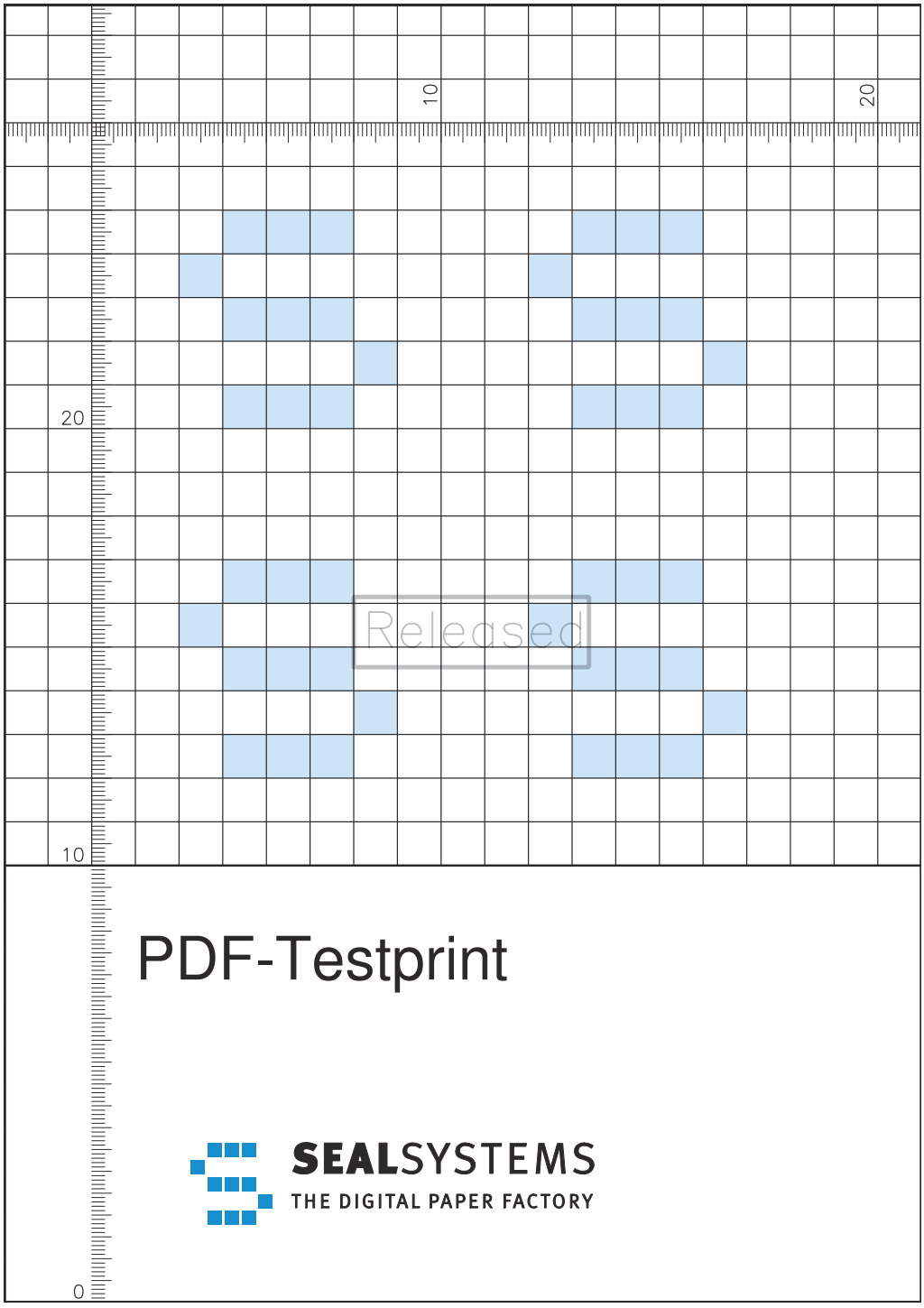
Extract of the stamp layout file: stamp layout file

```
[STAMP_DEFINITION]
   TEXT_DEFINITIONS      Text_5
   BOX_DEFINITIONS       Box_1
   COLOR_DEFINITION_3    0.7 0.7 0.7
   SCALE_STAMP           YES
[Text_5]
   TX_SIZE               0.008
   TX_COLOR              3
   TX_FONT               -401
   TX_LWSC               0.0004
   TX_OFFSETX            0.0
   TX_OFFSETY            0.0075
   TX_SPACING            0.0
   TX_EXPANSION          1.0
   TX_ALIGNMENT_HOR      CENTER
   TX_ALIGNMENT_VER      TOP
   TX_PATH               RIGHT
[Box_1]
   BO_CONTENTS           Text_5
   BO_ALIGNMENT_HOR      CENTER
   BO_ALIGNMENT_VER      CENTER
   BO_ROTATE             ROTATE
   BO_ANGLE              00.0
   BO_DISTANCEX          0.002
   BO_DISTANCEY          0.002
   BO_OFFSETX            0.002
   BO_OFFSETY            0.002
   BO_BORDER             Y
   BO_COLOR              3
   BO_LWSC               0.001
   BO_BACKGROUND         TRANSPARENT
   BO_CREATION           GRAY_STAMP
```

To be continued

Gray Text Stamp Center, Continuation

result



Graphic Stamp As Watermark With Repetition

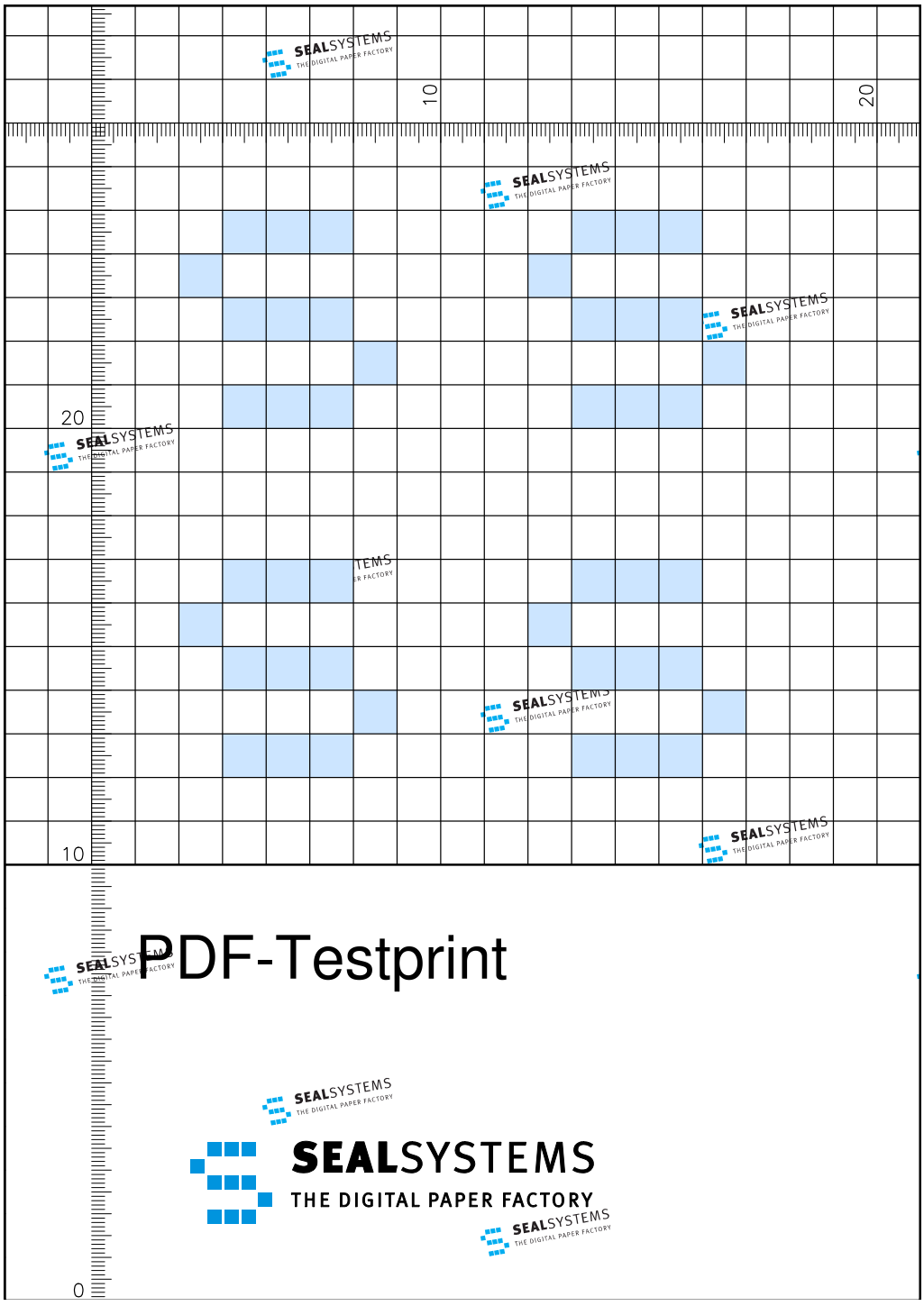
Extract of the stamp layout file: stamp layout file

```
[STAMP_DEFINITION]
   BOX_DEFINITIONS       Box_6
   SCALE_STAMP           NO
[Box_6]
   BO_ALIGNMENT_HOR      RIGHT
   BO_ALIGNMENT_VER      BOTTOM
   BO_ROTATE             ROTATE
   BO_ANGLE              10.0
   BO_DISTANCEX          0.00
   BO_DISTANCEY          0.07
   BO_OFFSETX            0.002
   BO_OFFSETY            0.002
   BO_BORDER             N
   BO_COLOR              1
   BO_LWSC               0.002
   BO_BACKGROUND         TRANSPARENT
   BO_CREATION           WATERMARK
   BO_FRAME              seal_logo.met
   BO_WIDTH              0.03
   BO_HEIGHT             0.03
   BO_REP_X              0.15 0.10
   BO_REP_Y              0.15 0.06
```

To be continued

Graphic Stamp As Watermark With Repetition, Continuation

result



Stamp Mirrored Top Center

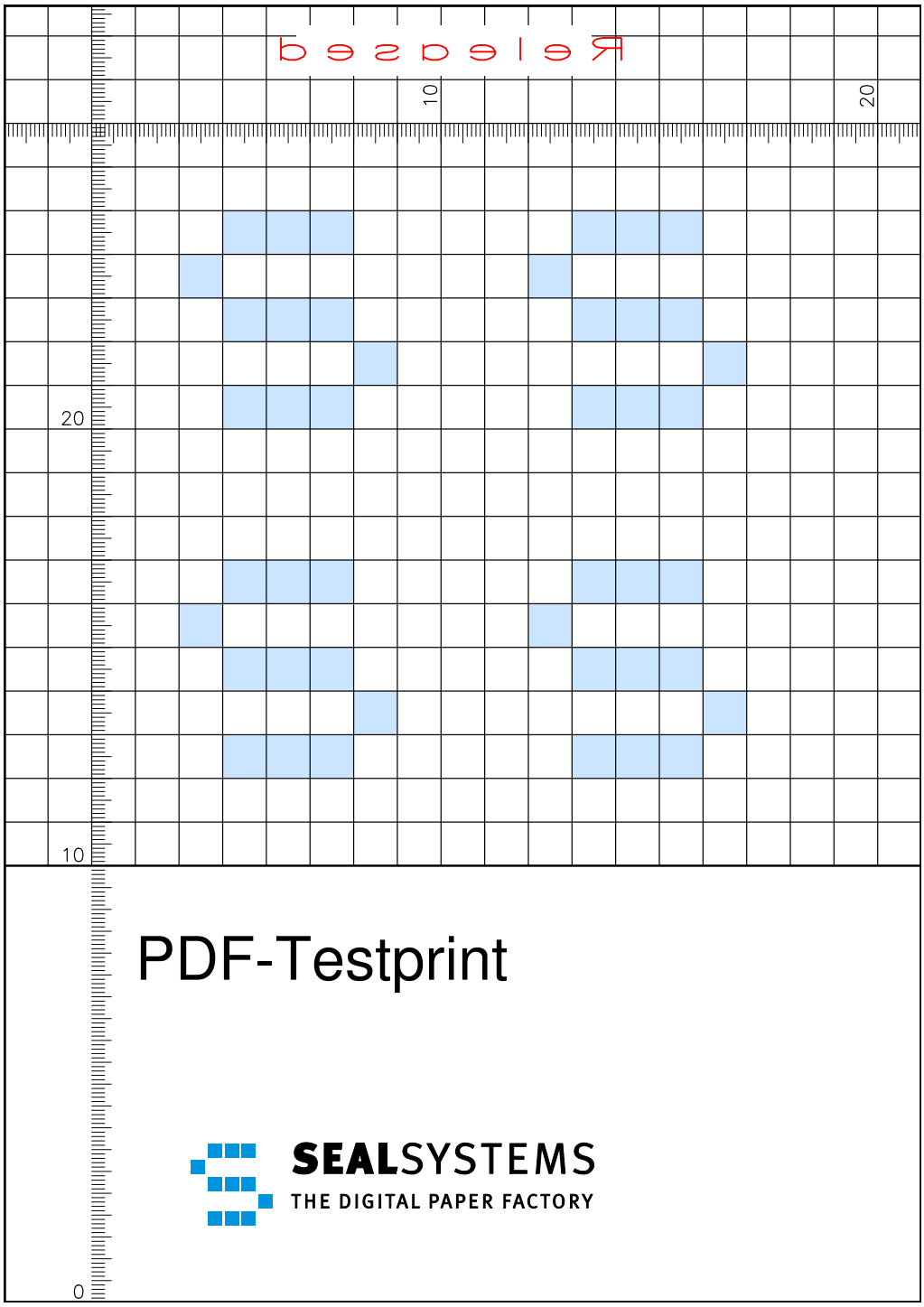
Extract of the stamp layout file: stamp layout file

```
[STAMP_DEFINITION]
   TEXT_DEFINITIONS      Text_9
   BOX_DEFINITIONS       Box_6
   COLOR_DEFINITION_2    1.0 0.5 0.0
   SCALE_STAMP           NO
[Text_9]
   TX_SIZE               0.005
   TX_COLOR              2
   TX_FONT               -401
   TX_LWSC               0.0004
   TX_OFFSETX            0.0
   TX_OFFSETY            0.0075
   TX_SPACING            -0.5
   TX_EXPANSION          -2.0
   TX_ALIGNMENT_HOR      CENTER
   TX_ALIGNMENT_VER      BASE
   TX_PATH               RIGHT
[Box_6]
   BO_CONTENTS           Text_9
   BO_ALIGNMENT_HOR      CENTER
   BO_ALIGNMENT_VER      TOP
   BO_ROTATE             ROTATE
   BO_ANGLE              0.0
   BO_DISTANCEX          0.07
   BO_DISTANCEY          0.02
   BO_OFFSETX            0.002
   BO_OFFSETY            0.002
   BO_BORDER             N
   BO_COLOR              1
   BO_LWSC               0.001
   BO_BACKGROUND         OPAQUE
   BO_CREATION           STAMP
```

To be continued

Stamp Mirrored Top Center, Continuation

result



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[NETDOME_TEC] *PLOSSYS® netdome*, System Description, SEAL Systems

[PDF_REF] *PDF Reference*, Version 1.7, Adobe Systems Incorporated

[PDFTOOLS_TEC] *PDF Tools*, System Description, SEAL Systems

[TIFFSTAMP_TEC] *TIFF Tools - TIFF Stamp*, System Description, SEAL Systems

Terminology

Acrobat Reader	Previous name of →Adobe Reader
Adobe Reader	Product from Adobe Systems for viewing PDF files
Inscription	→Flagpage
Flagpage	Lettering line in the margin of the document
Header	File in ASCII format that contains items for configuring an output job for ♦ΠΛΟΣΣΨΣ νετδομε
PDF Collection	contains one or more files. The embedded files may contain additional describing information (for example, sender, receiver, e-mail subject) which are displayed by Adobe Reader in the search. PDF collections may contain folder structure information. The main file serves a cover sheet and contains the description of the addition information.
PDF Portfolio	corresponds to a PDF collection whose main file is only a dummy.
PLOSSYS netdome	Output management system from SEAL Systems
Stamp	Graphic element which is applied onto the document
UserUnit	→Acrobat Reader can only display PDF files up to a size of 14400 units (200 inch). If a UserUnit is set in the PDF file, all internal metric coordinates are divided by the value of the UserUnit. Because →Adobe Reader and other viewers evaluate the UserUnit, the correct size is identified.

The stamp is applied as watermark behind the document:

Abbreviations

ASCII	American Standard Code for Information Interchange
DIN	German Institute of Standardization
GKS	Graphic Kernel System
HFT	Host Function Table
ISO	International Standards Organization
JPEG	Joint Photograhic Experts Group
PDF	Adobe Portable Document Format
PDF/A	Adobe Portable Document Format (PDF/A standard)
PNG	Portable Network Graphics
RGB	Red Green Blue
TIFF	Tagged Image File Format
XFA	XML Forms Architecture
XML	Extensible Markup Language

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